

Supplementary Information:

Modeling the Formation of TiO₂ Ultra-Small Nanoparticles

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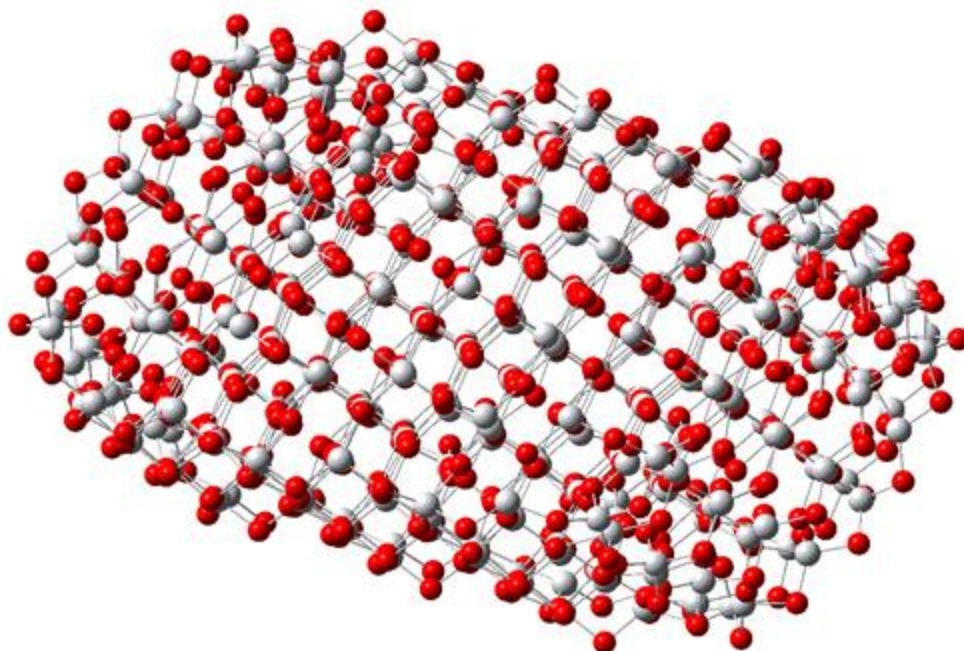
Supporting Information

Complete references for 26 and 27.

Ref. 26 Frisch, M. J.; Trucks, G. W.; Schlegel, H. B.; Scuseria, G. E.; Robb, M. A.; Cheeseman, J. R.; Scalmani, G.; Barone, V.; Mennucci, B.; Petersson, G. A.; Nakatsuji, H.; Caricato, M.; Li, X.; Hratchian, H. P.; Izmaylov, A. F.; Bloino, J.; Zheng, G.; Sonnenberg, J. L.; Hada, M.; Ehara, M.; Toyota, K.; Fukuda, R.; Hasegawa, J.; Ishida, M.; Nakajima, T.; Honda, Y.; Kitao, O.; Nakai, H.; Vreven, T.; Montgomery, Jr., J. A.; Peralta, J. E.; Ogliaro, F.; Bearpark, M.; Heyd, J. J.; Brothers, E.; Kudin, K. N.; Staroverov, V. N.; Kobayashi, R.; Normand, J.; Raghavachari, K.; Rendell, A.; Burant, J. C.; Iyengar, S. S.; Tomasi, J.; Cossi, M.; Rega, N.; Millam, N. J.; Klene, M.; Knox, J. E.; Cross, J. B.; Bakken, V.; Adamo, C.; Jaramillo, J.; Gomperts, R.; Stratmann, R. E.; Yazyev, O.; Austin, A. J.; Cammi, R.; Pomelli, C.; Ochterski, J. W.; Martin, R. L.; Morokuma, K.; Zakrzewski, V. G.; Voth, G. A.; Salvador, P.; Dannenberg, J. J.; Dapprich, S.; Daniels, A. D.; Farkas, Ö.; Foresman, J. B.; Ortiz, J. V.; Cioslowski, J.; Fox, D. J. Gaussian, Inc., Wallingford CT, 2009.

Ref 27. Valiev, M.; Bylaska, E. J.; Govind, N.; Kowalski, K.; Straatsma, T. P.; van Dam, H. J. J.; Wang, D.; Nieplocha, J.; Apra, E.; Windus, T. L.; de Jong, W. A. NWChem: a Comprehensive and Scalable Open-source Solution for Large Scale Molecular Simulations. *Comput. Phys. Commun.*, **2010**, *181*, 1477-1489.

(a)



(b)

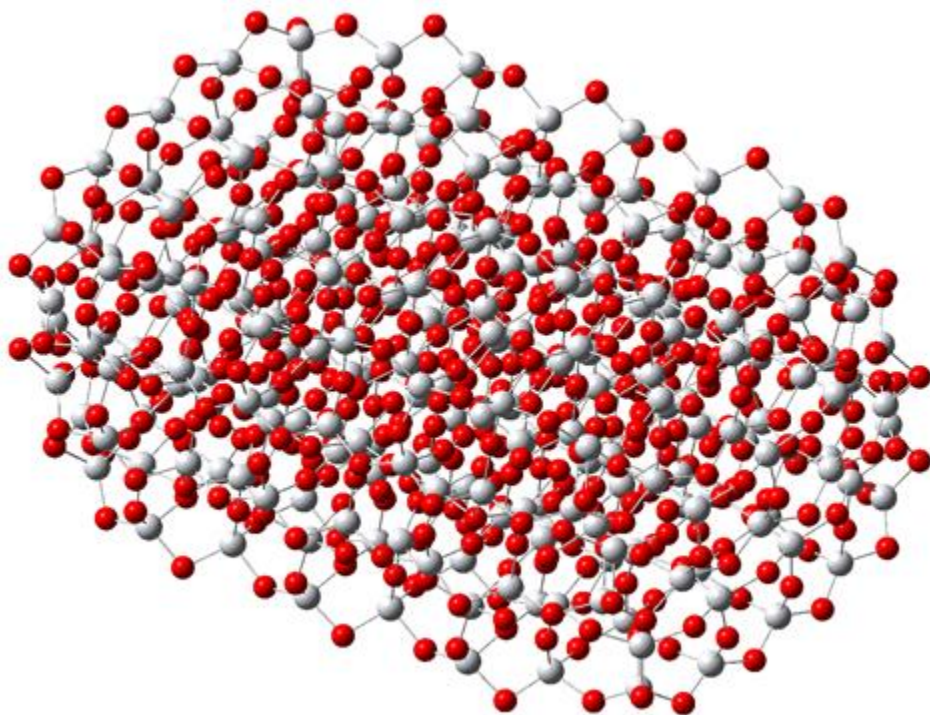


Figure S1. (a) anatase-like $(\text{TiO}_2)_{240}$ and (b) **48c**-like $(\text{TiO}_2)_{240}$ optimized at the PM6 level.

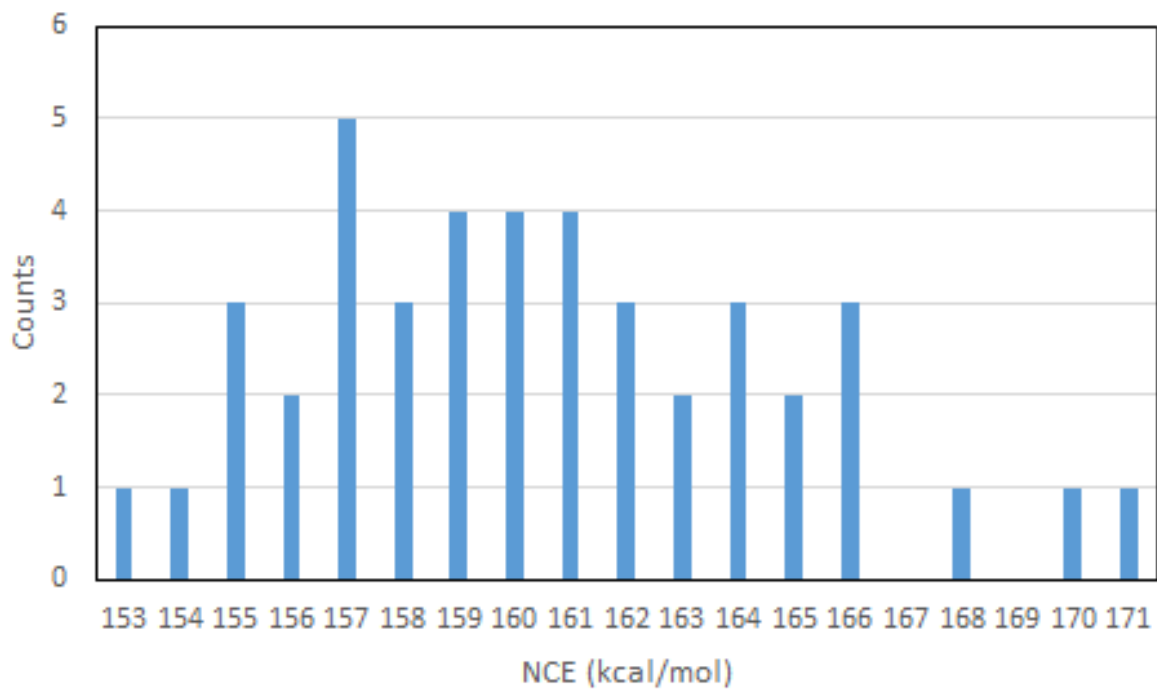
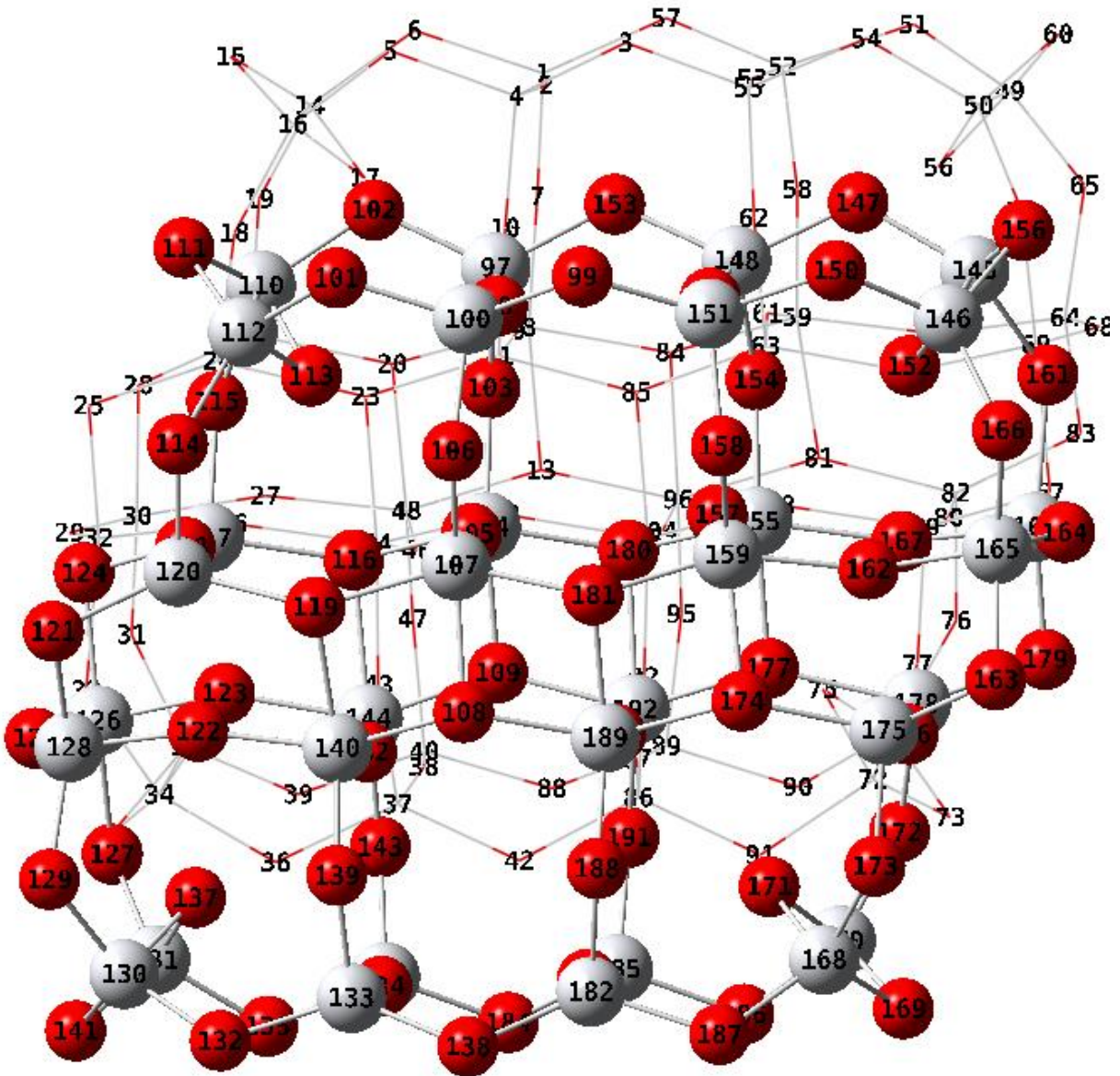


Figure S2. Distribution of the calculated NCEs using anatase-like 3-D USNPs with $l_x, l_y, l_z \geq 1$.



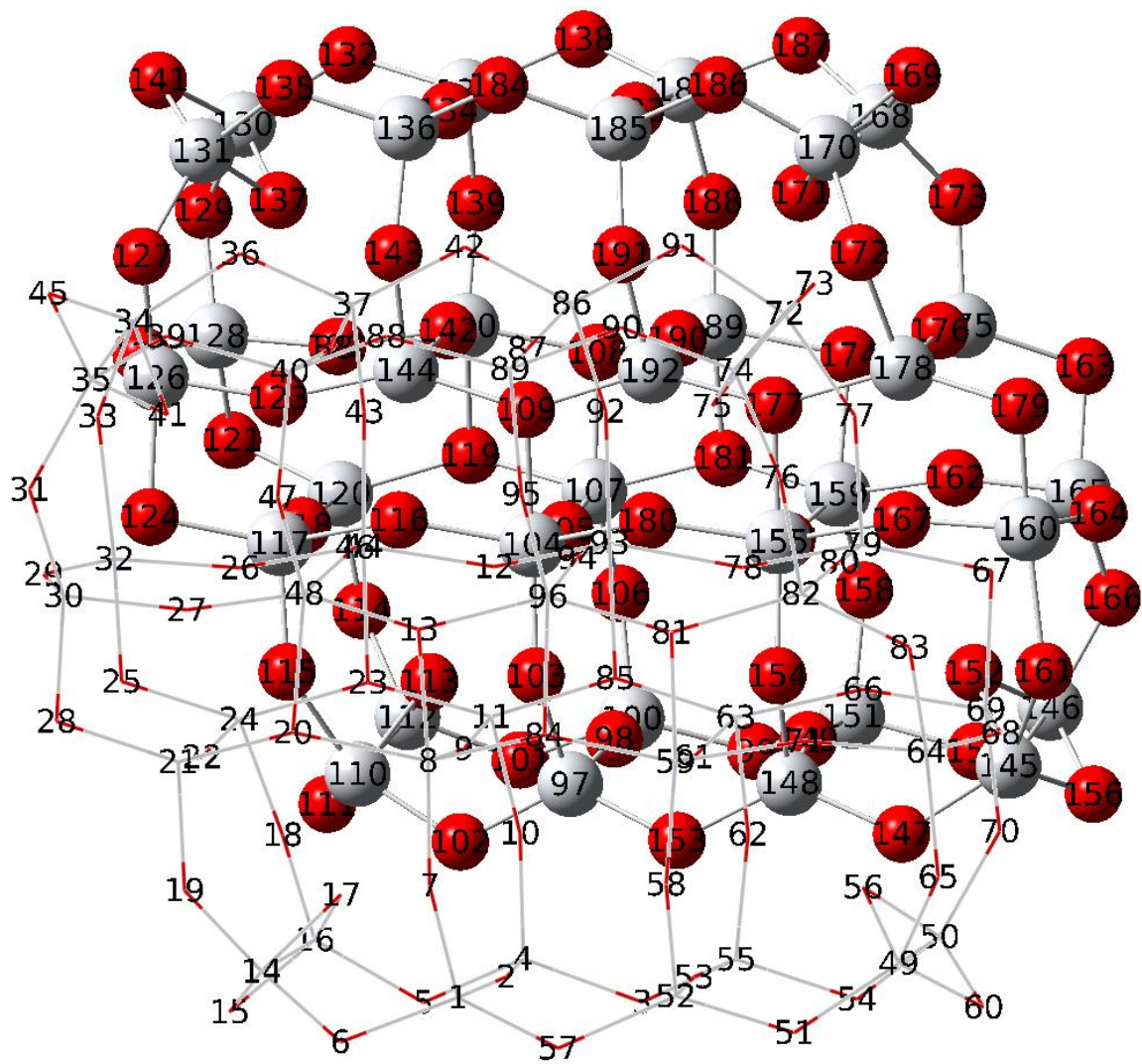


Figure S3. $(\text{TiO}_2)_{64}$ (**64a**) with atom indices.

Table S1. Calculated NCEs for the structure **48c**-like 3-D USNPs (in kcal/mol, compared with **48b**-like 3-D USNPs) at the PM6 level

label	n	NCE	
		48c -like	48b -like (anatase-like)
(0,0,0)	48	127.9	127.0
(0,0,1)	72	129.5	128.8
(0,0,2)	96	130.5	129.6
(0,0,3)	120	131.1	130.1
(0,0,4)	144	131.6	130.5
(1,0,0)	64	129.9	129.3
(1,0,1)	96	132.0	131.1
(1,0,2)	128	132.9	132.1
(1,0,3)	160	133.5	132.8
(1,0,4)	192	134.1	133.3
(1,1,0)	96	132.1	132.0
(1,1,1)	144	134.1	133.9
(1,1,2)	192	135.5	135.2
(1,1,3)	240	136.3	136.0
(1,1,4)	288	137.4	136.7
(2,1,0)	120	133.5	133.5
(2,1,1)	180	136.0	135.6
(2,1,2)	240	137.4	136.8
(2,1,3)	300	138.3	137.7
(2,1,4)	360	138.9	138.5
(1,2,0)	128	133.2	133.3
(1,2,1)	192	135.5	135.5
(1,2,2)	256	136.8	136.9
(1,2,3)	320	138.4	138.0
(2,2,0)	160	134.8	134.9
(2,2,1)	240	137.3	137.3

Table S2. Solutions to the Linear System of Equations Consisting of the (1,1,2), (1,1,3), (2,1,2), (2,1,3), (1,2,0), (1,2,1), (2,2,0), and (2,2,1) –mers for the **48c**-Like 3D USNP Series.

	m (total)	$\langle \Delta E \rangle$ kcal/mol	ΔE kcal/mol	factor ^[a]
Corner-1 + Corner-2 + Corner-3 + Corner-4 ^[b]	24	29.3	702.8	2
Edge-x1 + Edge-x2 ^[b]	8	17.4	139.3	2
Edge-y1 + Edge-y2 ^[b]	12	18.3	219.5	2
Edge-z1 + Edge-z2 ^[b]	12	19.0	227.8	2
Face-x	6	17.3	103.6	2
Face-y	4	6.3	25.0	2
Face-z	4	9.3	37.2	2
Bulk	4			1

^{a]} Prefactors in Eqs. (25a) to (25d) related to the point group symmetry, from which we have the total monomer counts $N_{\text{Frag}} = m * \text{factor} * f(l_x, l_y, l_z)$. For example, the Face-x fragments always appear as pairs due to the symmetry caused by the center of inversion, and therefore the factor is 2.

^[b] The total energies for the four types of Corner fragments cannot be solved separately. Similarly, the total energies for the two types of Edge fragments in each direction (that is represented by a translational vector) cannot be solved separately.

Table S3. Calculated HOMO, LUMO Energy Level and HOMO-LUMO Gap (E_g) in eV for $(\text{TiO}_2)_n$.

	HOMO	LUMO	E_g
1a	-7.17	-3.36	3.81
2a	-8.20	-3.34	4.86
3a	-8.06	-4.46	3.60
4a	-8.82	-3.98	4.85
5a	-8.95	-4.28	4.67
5b	-8.69	-4.07	4.62
6a	-8.86	-4.36	4.49
7a	-8.94	-4.18	4.76
8a	-8.78	-4.13	4.65
8b	-8.87	-4.12	4.75
9a	-8.83	-4.32	4.51
10a	-8.75	-4.42	4.32
10b	-8.85	-3.54	5.31
11a	-8.71	-4.28	4.43
12a	-8.90	-4.37	4.53
12b	-8.64	-3.77	4.87
12c	-8.22	-3.67	4.55
12d	-8.09	-4.42	3.67
13a	-8.66	-4.39	4.27
13b	-8.48	-3.99	4.49
14a	-8.63	-4.48	4.15
14b	-8.48	-4.19	4.29
15a	-8.94	-4.41	4.53
16a	-8.63	-4.34	4.29
16b	-8.57	-3.86	4.71
17a	-8.64	-4.39	4.24
18a	-8.51	-4.70	3.82
18b	-8.91	-4.36	4.55
18c	-8.55	-3.87	4.68
19a	-8.55	-4.61	3.94
20a	-8.59	-4.32	4.28
20b	-8.76	-4.74	4.02
24a	-8.58	-4.31	4.27
24b	-8.64	-3.99	4.65
24c	-8.64	-4.37	4.27
28a	-8.57	-4.31	4.26
28b	-8.69	-3.94	4.74
30a	-8.60	-3.92	4.68

30b	-8.54	-4.48	4.06
30c	-8.70	-4.24	4.45
32a	-8.56	-4.30	4.27
32b	-8.68	-4.09	4.59
32c	-8.75	-4.68	4.07
36a	-8.56	-4.29	4.27
36b	-8.73	-4.17	4.56
36c	-8.50	-4.64	3.86
40a	-8.69	-4.11	4.57
40b	-8.56	-4.29	4.27
40c	-8.49	-4.52	3.97
48a	-8.68	-4.24	4.44
48b	-8.49	-4.20	4.29
48c	-8.58	-4.32	4.26
60a	-8.71	-4.28	4.44
64a	-8.49	-4.13	4.36
64b	-8.72	-4.32	4.39
80a	-8.73	-4.37	4.36

Table S4. Threshold Fermi levels for the atomic charge transfer for (TiO₂)₆₄.

DOS threshold = 0.1 (0.2 e ⁻)			
E /eV	Atom (O) ID	E /eV	Atom (Ti) ID
-8.45	163, 164, 176, 179, 22, 25, 28, 29	-4.19	104, 93
-8.52	115, 77	-4.16	107, 117, 155, 44, 79, 96
-8.54	153, 42	-4.14	11, 120, 140, 144, 159, 189, 192, 48, 59, 63, 8, 82
-8.56	149, 38, 87, 88, 98, 99	-4.12	126, 128, 160, 32, 64, 69
-8.59	113, 162, 166, 27, 31, 75	-4.03	110, 178, 24, 72
-8.61	109, 85	-4.01	86, 97
-8.63	142, 61	-3.99	175, 21
-8.65	108, 143, 62, 84	-3.97	136, 148, 185, 37, 4, 55
-8.67	106, 121, 122, 147, 152, 158, 190, 36, 41, 47, 71, 83, 9, 95	-3.94	131, 50
-8.70	10, 150, 191, 39	-3.92	1, 100, 130, 133, 165, 182, 30, 49, 52
-8.72	101, 102, 111, 125, 174, 177, 20, 23, 68, 73, 90, 91	-3.90	16, 170, 89
-8.74	103, 105, 124, 127, 156, 161, 33, 45, 67, 70, 92, 94	-3.88	14, 145, 168, 34, 74
-8.76	114, 76	-3.86	112
-8.78	118, 13, 154, 157, 181, 43, 46, 80	-3.83	151, 40
-8.81	12, 138, 139, 180, 183, 188, 2, 57, 58, 7	-3.77	146, 35
-8.83	123, 17, 171, 173, 184, 187, 19, 3, 6, 66		
-8.85	129, 132, 134, 15, 169, 51, 53, 65		
-8.87	119, 141, 186, 5, 60, 81		
-8.89	135, 172, 18, 54		
-8.94	137, 56		
-8.96	116, 78		
-9.00	167, 26		
DOS threshold = 0.5 (1 e ⁻)			
E /eV	Atom (O) ID	E /eV	Atom (Ti) ID
-8.50	179, 25	-4.10	104, 93
-8.52	163, 164, 176, 22, 28, 29	-4.03	11, 155, 192, 44, 79
-8.59	42	-4.01	107, 117, 144, 63, 96
-8.61	153	-3.97	189, 8
-8.65	87, 88, 98, 99	-3.94	140, 59

-8.67	149, 38	-3.92	160, 32
-8.72	109, 142, 61, 85	-3.90	120, 126, 159, 48, 69, 82
-8.74	147, 36	-3.88	178, 24
-8.76	108, 150, 152, 39, 41, 84	-3.86	131, 50
-8.78	113, 121, 75, 83	-3.83	128, 130, 49, 64
-8.81	101, 102, 166, 31, 90, 91	-3.81	136, 175, 21, 55
-8.83	122, 156, 190, 23, 45, 71, 9	-3.79	185, 4
-8.85	177	-3.77	16,170
-8.87	111, 158, 162, 27, 47, 73	-3.75	110, 133, 14, 168, 52, 72
-8.92	106, 125, 138, 183, 2, 57, 68, 95	-3.72	1, 148, 182, 37, 86, 97
-8.94	6	-3.70	145, 34
-8.96	114, 124, 139, 187, 58, 67, 76	-3.68	112, 74
-8.98	13, 132, 134, 157, 161, 173, 174, 181, 19, 20, 33, 46, 51, 53	-3.66	165, 30
-9.00	188, 7	-3.64	100, 151, 35, 40, 89
-9.03	115, 77	-3.61	146
-9.05	118, 129, 15, 169, 65, 80		
-9.07	141, 17, 171, 184, 3, 60		
-9.11	10, 119, 127, 191, 70, 81		
-9.14	186, 5		
-9.16	143, 62		
-9.18	103, 123, 135, 137, 172, 18, 54, 56, 66, 92		
-9.2	105, 154, 43, 94		
-9.22	12,180		
-9.29	116, 78		
-9.31	167, 26		

Table S5. Cartesian Coordinates for the Optimized (TiO₂)_n Clusters and USNPs, n ≤ 80, at the B3LYP/DZVP2 Level.

1a
 E = -999.890386 Hartree
 Ti 0.000000 0.000000 0.392930
 O 0.000000 1.364134 -0.540279
 O 0.000000 -1.364134 -0.540279

2a
 E = -1999.963252 Hartree
 Ti 1.293759 -0.000493 -0.424695
 O 2.585546 0.000474 0.582784
 O 0.000141 1.259979 0.001020
 Ti -1.294838 0.000699 0.425079
 O -2.582622 -0.001052 -0.587699
 O -0.000098 -1.259970 0.002836

3a
 E = -3000.037254 Hartree
 O -1.414181 1.319741 -0.672828
 Ti -1.440660 -0.619403 -0.101606
 O -2.774742 -1.392185 0.438532
 O -0.000369 -1.589292 -0.781573
 Ti 0.000929 1.788677 0.229473
 O 1.422292 1.321661 -0.663895
 Ti 1.439743 -0.620551 -0.102077
 O -0.002129 0.231569 1.170869
 O 2.769095 -1.400483 0.437974

4a
 E = -4000.116788 Hartree
 Ti 2.045782 -0.000031 0.626503
 O 2.855986 -0.000300 2.034856
 O 1.686598 -1.693630 -0.290418
 O 1.686486 1.693808 -0.290058
 O -0.000067 -0.000050 0.535188
 Ti -0.000025 -1.421288 -0.879610
 Ti -0.000110 1.421512 -0.879283
 Ti -2.045788 -0.000110 0.626602
 O 0.000013 0.000240 -2.053443
 O -1.686758 1.693679 -0.290106
 O -1.686640 -1.693689 -0.290497
 O -2.855230 -0.000287 2.035395

5a
 E = -5000.191792 Hartree
 O -0.000814 2.718474 0.417631
 O 0.003254 0.586146 -1.003075
 Ti -1.389336 1.513647 0.020774
 O -2.921388 1.068145 -0.780801

Ti	-2.955851	-0.763843	-0.043532
O	-1.464260	0.049622	1.088793
O	-4.269875	-1.330827	0.730754
O	-1.494850	-1.937828	-0.593994
O	1.494692	-1.935335	-0.603961
Ti	2.954723	-0.764543	-0.049389
O	1.464092	0.041685	1.090339
O	4.263445	-1.337185	0.729476
O	2.921639	1.075003	-0.772213
Ti	1.391235	1.514633	0.033598
Ti	0.000708	-1.135494	-0.071613

5b

E = -5000.191502 Hartree

Ti	-0.242970	1.931565	-0.154045
O	-0.044285	1.801682	1.709670
O	2.066705	-0.002042	1.250316
Ti	2.256951	0.000045	-0.730589
O	1.248000	1.653798	-1.062518
O	3.787682	0.002628	-1.274146
O	1.244039	-1.651406	-1.066811
Ti	0.453745	-0.004628	1.873842
O	-0.046676	-1.811063	1.701057
O	-0.517374	-0.000284	0.137255
Ti	-2.410510	0.004053	-0.708539
O	-1.806248	-1.808196	-1.056228
O	-3.609927	0.005519	0.386682
O	-1.797350	1.814555	-1.055081
Ti	-0.247968	-1.932922	-0.160741

6a

E = -6000.304734 Hartree

O	-1.443480	-1.226788	-1.849241
Ti	0.226803	-0.647705	-1.783460
O	1.538343	-1.610484	-1.122807
O	0.865833	1.031790	-2.335869
O	-4.112748	-1.604707	-0.485946
Ti	-2.639052	-0.935095	-0.351687
O	2.632126	1.048025	0.032013
Ti	2.642960	-0.926399	0.363000
O	4.118838	-1.590688	0.499628
O	-2.635787	1.043246	-0.044317
Ti	1.255737	1.801945	-0.743004
O	-0.002359	0.374705	-0.002694
Ti	-0.223529	-0.625040	1.786867
O	-0.869235	1.057047	2.324283
Ti	-1.263430	1.810492	0.724822
O	-0.003921	2.958365	-0.015308
O	-1.535738	-1.599361	1.144086
O	1.449531	-1.196195	1.865697

7a

E = -7000.387747 Hartree

Ti	3.745853	0.000088	-0.030808
O	3.197045	-1.830309	0.515007
O	4.674142	0.000312	-1.358904
Ti	-0.602115	-0.000272	1.851311
O	0.481976	-1.482939	1.847960
Ti	1.435771	1.727796	0.288112
O	0.481941	1.482402	1.848409
O	3.196825	1.830285	0.515442
O	0.264707	2.465985	-0.961063
O	1.782612	0.000020	-0.443155
Ti	1.435972	-1.727960	0.287724
O	-0.759313	0.000093	-0.083522
Ti	-3.405297	-0.000113	0.413397
O	-2.346392	-0.000322	2.082065
O	-2.794520	-1.585270	-0.646735
O	-5.004543	-0.000255	0.673714
O	-2.794692	1.585379	-0.646329
Ti	-1.207932	-1.419417	-1.373056
Ti	-1.208103	1.419850	-1.372727
O	-1.178591	0.000360	-2.557031
O	0.264891	-2.465663	-0.961729

8a

E = -8000.481795 Hartree

O	0.360125	-1.149280	-0.000012
O	-2.627841	0.949699	-1.521620
Ti	-3.260594	-0.124461	0.000017
O	-4.871172	-0.328558	0.000035
O	-0.360119	1.149278	0.000014
Ti	-0.943609	1.352106	-1.814331
Ti	-0.943549	1.351955	1.814388
O	-0.057845	2.990570	-1.642170
O	-2.627792	0.949550	1.521740
O	-0.057831	2.990454	1.642323
Ti	0.769472	2.720077	0.000065
O	2.308446	1.860575	0.000040
O	0.000056	-0.000076	2.615763
Ti	0.943613	-1.352108	1.814333
O	2.627844	-0.949694	1.521624
Ti	3.260590	0.124464	-0.000018
O	4.871169	0.328555	-0.000036
O	2.627791	-0.949552	-1.521738
Ti	0.943549	-1.351961	-1.814390
O	-0.000054	0.000072	-2.615762
O	-2.308444	-1.860568	-0.000067
Ti	-0.769473	-2.720073	-0.000063
O	0.057833	-2.990564	1.642176
O	0.057835	-2.990461	-1.642318

8b

E = -8000.477682 Hartree

O	4.845110	-0.128391	0.559242
Ti	3.255186	-0.071115	0.241622
Ti	1.143200	2.408591	-0.965773
O	2.121217	-0.078199	1.831242
Ti	0.390930	-0.041618	1.753735
O	-0.354475	1.524456	2.456961
O	0.093031	3.601136	0.035223
Ti	-0.997000	2.420968	1.007955
O	-2.567435	1.741775	0.570966
O	-0.440177	-1.579351	2.427008
O	0.061043	1.126316	0.011416
O	2.686441	1.655163	-0.543251
Ti	-3.255071	0.071316	-0.243512
Ti	-1.145588	-2.406335	0.964778
O	-2.118331	0.075279	-1.831836
Ti	-0.387862	0.041194	-1.750971
O	0.358594	-1.523255	-2.456364
O	-0.097323	-3.600720	-0.035751
Ti	0.996793	-2.422637	-1.007035
O	2.566985	-1.745694	-0.566209
O	0.436443	1.582425	-2.426801
O	-0.059936	-1.126319	-0.010868
O	-2.688833	-1.655467	0.541524
O	-4.843972	0.129842	-0.564702

9a

E = -9000.563514 Hartree

Ti	-2.323404	2.032666	0.611312
O	-0.630499	1.199615	0.053726
O	-1.763750	1.448579	2.264233
O	-3.480154	0.930016	-0.084228
Ti	-3.292293	-0.845246	-0.920576
O	-4.590688	-1.315717	-1.777074
O	-2.658297	-2.179069	0.376947
O	-1.695831	-0.528205	-1.956669
Ti	-0.045105	-0.108576	-1.559244
O	1.479145	3.105441	0.002851
Ti	-0.020432	2.787393	-0.939541
O	-1.650961	3.467568	-0.372530
O	0.173701	1.641990	-2.311098
O	1.972884	0.358296	-0.529657
Ti	-0.400006	0.239790	1.918432
O	1.221901	0.900623	2.246420
O	-0.032073	-1.134049	0.353795
O	-0.916857	-1.370928	2.670979
Ti	-1.150812	-2.491186	1.212800
O	0.868711	-1.696632	-1.995534
O	0.089791	-3.655158	0.485994
Ti	1.232526	-2.469571	-0.396741
Ti	2.257789	1.559246	0.806066
O	4.723429	-0.496324	-1.611248
Ti	3.757122	-0.513455	-0.303987

O	3.937130	1.031992	0.909148
O	2.910111	-2.233459	0.095513

10a

E = -10000.657532 Hartree

Ti	-0.218257	0.658390	-2.520912
O	-1.633545	1.735198	-3.001364
O	-3.396475	0.781221	-0.623982
Ti	-2.362490	2.022489	-1.301277
Ti	-0.440759	2.483647	0.726350
O	-0.616949	1.237831	-0.745354
O	-1.851558	3.352082	-0.141494
O	-1.020547	1.524860	2.156067
O	1.583201	0.646412	-2.843097
O	1.262053	2.910622	0.718008
Ti	2.744860	-0.185428	-1.642328
O	3.538832	1.005604	-0.646930
O	2.274681	0.355982	1.990892
Ti	2.915675	1.886460	0.997463
O	4.072917	2.726715	1.770045
O	0.136236	-1.044931	3.292819
Ti	2.097340	-2.683844	-0.475780
Ti	-0.830309	-1.934337	-0.746454
O	3.317651	-1.975567	-1.678772
O	-0.766154	-1.022983	-2.370496
O	0.423800	-3.309169	-0.881030
O	2.238744	-2.628649	1.334203
O	-2.522422	-2.244264	-0.483292
Ti	1.289850	-1.081206	1.835606
O	-5.294687	-1.348254	0.318110
O	-0.537935	-0.974594	0.923001
Ti	-3.728522	-0.922994	0.355800
O	1.463581	-0.897922	-0.421139
Ti	-1.342451	-0.267855	2.470313
O	-3.015005	-0.762330	2.162158

10b

E = -10000.656193 Hartree

Ti	-0.501192	2.998681	1.608746
Ti	0.646146	-2.634732	2.107116
Ti	-2.244312	0.965355	0.608875
Ti	2.294145	-0.855846	0.596795
Ti	0.104946	0.239666	2.414233
Ti	0.890412	2.190508	-0.848603
Ti	-0.930395	-2.307399	-0.347907
Ti	-2.906718	-0.740559	-1.689633
Ti	2.748746	0.370639	-2.028596
Ti	-0.105237	-0.225447	-2.422091
O	-2.255359	2.763247	1.240993
O	-0.239576	1.393770	0.670410
O	0.301077	-1.240024	0.902721
O	2.364085	-2.494408	1.565064

O	-0.010716	1.977020	3.087833
O	0.287714	-1.334265	3.397227
O	-1.885182	0.016951	2.038833
O	2.049263	0.364803	1.833037
O	0.550146	3.690513	0.263016
O	-0.490852	-3.570872	0.999904
O	-3.681526	0.457976	-0.524552
O	3.625765	-0.598079	-0.728468
O	-1.357049	-0.333692	-0.712751
O	2.584553	2.142946	-1.720267
O	-2.691925	-2.422458	-1.071447
O	1.289450	0.178053	-0.867656
O	-0.250717	1.777578	-2.116045
O	1.525491	-0.172885	-3.328777
O	0.094000	-2.145405	-1.759410
O	-1.799123	-0.453149	-3.166736

11a

E = -11000.747441 Hartree

Ti	2.098411	-1.019859	1.424991
O	3.847132	-1.072226	1.558441
O	0.842191	-1.883752	2.505565
Ti	-0.904185	-1.590476	2.145698
O	1.662256	0.735472	1.316511
O	-0.949207	-1.326380	0.287528
Ti	-2.182269	1.403491	1.708010
O	-3.786633	0.971152	1.177328
O	-1.522173	0.032570	2.751119
Ti	-0.658661	3.201855	0.061437
O	-1.264508	3.102213	-1.664047
O	-1.141922	1.311685	0.078380
O	-1.668645	3.202912	1.616736
O	1.122911	3.331671	0.167383
Ti	2.359964	1.886203	0.062817
O	4.098342	1.755763	0.331402
O	-6.074184	0.034717	-0.573710
Ti	-2.233151	-2.694070	-0.046777
O	-1.130927	-3.097621	-1.515590
O	-2.009072	-3.014488	1.782216
O	-3.704915	-1.800915	-0.369082
Ti	-4.461078	-0.001579	-0.383516
Ti	0.031519	-1.685780	-1.628632
O	-0.814154	-0.197692	-2.297385
O	1.662038	-1.470209	-0.379489
Ti	2.662667	-0.728748	-1.846881
O	1.418829	-1.736750	-2.831401
Ti	4.961322	-0.025171	0.312173
O	4.356259	-0.854896	-1.376762
O	6.563284	-0.040279	0.586910
O	2.116638	0.987862	-1.538410
Ti	-1.738274	1.280855	-1.762294
O	-3.448267	0.955706	-1.742965

12a

E = -12000.856365 Hartree

O	-2.745127	2.119494	-2.093488
Ti	-2.340669	0.277064	-1.898525
Ti	0.328762	-0.312147	-2.484360
O	-3.720526	-0.744743	-1.674013
O	-4.191523	-0.254513	1.310218
O	-0.791074	-1.024852	-1.141947
Ti	-4.162532	-1.705713	-0.005558
O	-1.187588	0.017205	-3.394467
O	-5.536740	-2.565981	-0.066268
Ti	-3.190687	1.168676	1.567953
O	-1.921926	1.144413	2.900213
O	2.563107	2.824250	-0.223108
O	0.741071	1.301586	-1.793016
Ti	0.896541	2.290094	-0.262086
O	-2.008945	1.010808	0.041997
O	-3.523768	2.859249	0.862463
Ti	-2.291641	2.826966	-0.502352
O	-0.580856	3.431089	-0.241169
Ti	-0.898983	-2.290983	0.269125
O	1.923769	-1.141987	-2.903611
O	-2.565672	-2.824812	0.229478
Ti	3.195135	-1.166828	-1.574171
O	3.525771	-2.857552	-0.867882
O	0.578934	-3.431002	0.240005
Ti	2.290224	-2.824499	0.494124
O	2.007755	-1.009543	-0.051133
O	0.784488	1.018106	1.145452
Ti	-0.326416	0.308091	2.496767
O	-0.739260	-1.303602	1.802088
O	1.196709	-0.015143	3.399272
O	2.741792	-2.119605	2.086565
O	4.192547	0.258212	-1.312727
O	3.719579	0.742930	1.672205
Ti	2.338344	-0.277019	1.895461
Ti	4.162022	1.706555	0.005548
O	5.537209	2.565287	0.067573

12b

E = -12000.815155 Hartree

O	-3.273686	-1.280197	-2.416596
O	-2.684223	0.028920	-0.006599
O	-5.136759	-0.057222	0.007118
Ti	-3.938016	1.211334	0.697004
O	-3.315144	1.242300	2.409152
O	-3.090854	2.573677	-0.194009
O	-0.754024	1.251455	1.033244
Ti	-1.514183	-0.597035	-2.540568
O	0.162844	-0.806977	-3.397991
O	2.686063	0.008590	0.017231

O	3.057908	-0.168386	-2.570890
O	-1.703821	1.171895	-2.321903
Ti	-1.380045	1.991441	-0.674135
Ti	3.893490	0.727821	-1.209159
O	0.761480	1.019653	-1.250173
O	3.270798	2.439371	-1.245978
O	-0.194422	3.364892	-0.813558
Ti	-3.862609	-1.248725	-0.691174
O	-2.990889	-2.581167	0.200436
O	-0.087547	-3.410621	0.808929
O	-1.695941	-1.198017	2.315677
Ti	-1.545841	0.572759	2.520739
Ti	-1.266735	-2.031046	0.691615
O	0.734955	-1.040352	1.229308
O	0.127295	0.805112	3.375151
O	1.723809	-2.306903	-1.190801
Ti	1.344040	-0.672940	-2.021790
Ti	1.567806	-2.520591	0.578073
O	-0.754127	-1.264219	-1.038978
O	3.322555	-2.390299	1.268343
Ti	1.492172	2.538461	-0.590404
Ti	1.301088	0.695189	1.990537
Ti	3.909373	-0.663765	1.250223
O	3.012289	0.211455	2.582384
O	5.138730	0.042877	0.018233
O	1.681226	2.336175	1.179630

12c

E = -12000.799997 Hartree

Ti	-0.013802	1.838523	1.611187
Ti	-0.024215	-1.856644	1.609830
O	1.627150	2.341801	2.359567
Ti	3.038107	1.660708	1.397954
O	3.614703	-0.008270	1.944097
O	1.626091	-2.362735	2.339240
Ti	3.033716	-1.671286	1.382328
O	1.980690	-1.146413	-0.011847
O	4.033966	-2.459060	0.009081
O	4.030966	2.461162	0.027339
O	1.976241	1.149312	0.006151
Ti	3.058686	1.675115	-1.365447
Ti	-3.059716	1.666079	1.371539
O	-1.671713	-2.369498	2.338399
O	-3.647228	-0.000805	1.914297
O	-1.657810	2.350079	2.346266
O	0.000452	-2.731077	-0.000836
O	-0.018238	-0.011080	1.734626
O	1.655699	2.367968	-2.330985
Ti	3.067210	-1.660986	-1.380564
O	1.664991	-2.352334	-2.349644
O	3.645373	0.011857	-1.919994
O	0.011523	0.005129	-1.733595

O	-0.000046	2.737714	0.012154
O	-4.032218	2.460508	-0.016669
O	-4.033471	-2.460037	-0.028885
Ti	-3.067433	-1.670648	1.366111
Ti	0.024370	-1.841372	-1.606430
Ti	-3.031960	-1.664092	-1.396896
O	-1.617877	-2.351258	-2.348795
O	-1.980237	-1.151016	0.000360
O	-1.976004	1.154166	-0.002324
Ti	0.012945	1.851903	-1.595398
O	-3.608873	0.003577	-1.950766
Ti	-3.037271	1.671069	-1.392119
O	-1.625879	2.364799	-2.343003

12d

E = -12000.720337 Hartree

O	0.005574	1.699728	-1.662510
Ti	0.002603	2.515336	0.006530
O	1.570814	3.361038	0.196111
O	-0.049824	-1.099455	-1.189961
Ti	-0.017476	0.123430	-2.485487
O	3.437048	1.454558	-1.494898
O	1.652699	-0.023212	-3.314212
Ti	3.326012	-2.628963	-0.103962
O	3.463215	-1.452101	1.481025
Ti	3.292758	-0.046974	2.495365
O	1.563989	-3.334822	-0.199205
O	1.687248	0.005503	3.325551
Ti	3.327171	2.635844	0.082652
O	3.597802	1.408496	1.595344
O	3.594494	-1.401116	-1.614446
Ti	3.269480	0.051853	-2.510864
Ti	-0.014131	-2.519391	0.017051
O	0.017009	1.089040	1.204880
O	-1.575338	3.344128	0.178063
O	-0.000174	-1.709277	1.689048
Ti	0.010722	-0.129474	2.504301
O	-3.582843	1.431483	1.598725
O	-1.657494	0.043640	3.336257
Ti	-3.316850	-2.636919	-0.055821
O	-3.532617	-1.422030	-1.585827
Ti	-3.283973	0.025380	-2.513633
O	-1.571498	-3.389677	-0.145033
O	-1.677293	0.003698	-3.341782
Ti	-3.333966	2.624056	0.057739
O	-3.475882	1.437465	-1.513465
O	-3.427790	-1.424044	1.496204
Ti	-3.262932	-0.015524	2.506011
O	-4.503900	3.760978	0.024869
O	-4.499149	-3.760709	-0.003329
O	4.496684	3.772231	0.038762
O	4.468823	-3.791844	-0.099842

13a

E = -13000.922530 Hartree

O	0.000001	0.000007	-1.809907
O	1.194271	-3.697521	-1.769680
O	2.083554	-1.065672	-2.801311
Ti	-1.960574	-0.633359	-2.106094
O	-2.083599	1.065733	-2.801172
O	-1.065691	-2.083549	-2.801265
O	-3.697568	-1.194173	-1.769663
Ti	0.633374	-1.960527	-2.106048
O	2.659833	-3.085615	0.909442
O	-0.872606	-1.705319	2.555162
O	-1.903619	-0.614492	-0.076256
Ti	-3.745547	-1.209616	0.061874
Ti	-1.221332	-2.386708	1.046711
O	-3.085745	-2.659743	0.909598
O	-0.351960	-4.058686	0.909909
O	0.614514	-1.903525	-0.076317
Ti	1.209629	-3.745436	0.061837
O	-4.058780	0.351847	0.910138
Ti	-0.000006	-0.000073	3.267615
O	-0.000105	-0.000206	4.885122
O	1.705259	-0.872874	2.555232
O	0.873064	1.705008	2.555185
Ti	-0.633342	1.960586	-2.106026
Ti	-1.209643	3.745554	0.061912
O	-1.194101	3.697597	-1.769621
O	0.351689	4.058696	0.910440
Ti	1.221226	2.386752	1.046767
O	-0.614414	1.903618	-0.076279
Ti	-2.386745	1.221209	1.046730
O	-1.705181	0.872750	2.555156
O	-2.659814	3.085595	0.909426
Ti	3.745469	1.209613	0.061899
O	4.058824	-0.351826	0.910179
O	1.903609	0.614414	-0.076231
Ti	1.960559	0.633350	-2.106030
O	3.697588	1.194090	-1.769632
O	3.085583	2.659950	0.909243
O	1.065732	2.083602	-2.801177
Ti	2.386810	-1.221237	1.046772

13b

E = -13000.897283 Hartree

Ti	-0.418123	-2.331924	2.504541
Ti	0.325323	-2.811605	-0.425135
Ti	-1.754905	-1.447122	-2.013803
O	-1.305562	-3.053763	-1.379367
O	-0.111736	-3.560796	1.206282
O	-2.252353	-2.074592	2.802669
O	1.708358	-3.498541	-1.362405

Ti	1.793979	-0.474756	1.996905
Ti	-2.589962	-0.646922	1.697117
O	1.254227	-1.801543	3.145381
O	-4.315701	-0.690342	1.004501
O	0.985771	1.013625	2.820784
O	3.600316	-0.152563	2.061523
Ti	4.008250	0.472684	0.347017
Ti	2.319257	2.308414	-0.919571
Ti	-4.101598	-0.172349	-0.772917
O	-0.497735	-0.822315	1.511549
O	-0.742186	-0.974395	-3.512153
O	-3.890429	1.569244	-1.220533
O	4.352866	-1.000569	-0.648553
O	1.376682	3.787757	-0.277558
O	2.168309	0.825123	0.214879
O	-3.649608	-1.306106	-2.117431
O	1.854370	-1.695912	0.323804
Ti	2.834549	-1.958352	-1.233504
Ti	0.525143	0.026214	-2.598934
O	4.148776	2.071320	-0.584660
O	-0.051195	-0.882366	-1.134517
O	2.168958	-0.989171	-2.549728
Ti	-0.591764	1.633764	2.239589
O	-2.278195	0.924115	2.566173
O	-0.548130	3.472105	2.210273
Ti	-0.319709	3.699475	0.380207
Ti	-2.022471	1.863701	-1.045510
O	-0.523553	1.812613	0.349388
O	-1.094015	1.353578	-2.394215
O	-2.272505	-0.158938	-0.326052
O	-1.726428	3.729491	-0.735674
O	1.618783	1.659580	-2.403364

14a

E = -14001.041381 Hartree

O	4.492363	-2.506663	-0.956957
Ti	3.800703	-0.909051	-1.666795
Ti	0.679674	-0.953462	-2.296263
O	4.733223	0.554911	-1.823912
O	4.681288	1.551808	1.008642
O	0.628396	0.677790	-1.504621
Ti	4.500642	2.235441	-0.830820
Ti	0.993151	2.291077	-0.724167
O	2.443367	-1.048566	-2.868251
O	2.652936	2.778533	-1.096424
O	5.576157	3.390072	-1.217598
O	-0.572902	3.308803	-0.970735
Ti	0.808694	0.683408	2.388370
Ti	3.903923	0.188200	1.770719
O	2.562939	0.560262	2.953409
O	0.938995	1.870187	1.056792
O	0.702675	-2.222737	-0.988251

O	3.112992	-0.708299	0.195402
O	4.692933	-1.493094	2.023695
Ti	3.823732	-2.449488	0.737177
O	2.274980	-3.283612	1.183668
Ti	-2.210972	2.539503	-0.889688
O	-3.846663	3.232281	-0.363178
Ti	-4.357596	1.904889	0.825776
O	-3.990407	1.702473	2.641792
O	-0.751464	1.161155	3.282091
Ti	-2.375343	0.825821	2.506177
O	-2.392347	1.450113	0.693391
O	-1.975833	-1.012673	-0.564087
Ti	0.586139	-2.547993	0.780148
O	0.473335	-0.943759	1.663978
O	-1.055055	-3.264294	1.049162
O	-2.623615	-0.919321	2.300260
O	-5.038603	0.493241	0.072804
O	-4.127045	-2.534450	0.329459
Ti	-2.505070	-2.076984	0.830100
O	-4.029618	-1.132521	-2.446010
O	-2.438367	1.365632	-2.205828
Ti	-5.111090	-1.297092	-0.828167
Ti	-2.392188	-0.502505	-2.277427
O	-6.642264	-1.757989	-1.113789
O	-0.879494	-1.081632	-3.229038

14b

E = -14000.981339 Hartree

O	-4.551440	2.354002	-1.000617
O	-2.619323	0.700725	2.728731
O	-4.369942	-0.083549	0.868813
Ti	-2.804997	-0.953838	1.839608
O	-3.112931	-2.355240	0.465052
O	-1.649795	-2.018885	2.824753
O	-0.137288	-3.050441	0.487130
Ti	-2.838137	2.902472	-0.662913
O	0.055535	1.794296	0.078518
O	-2.337307	3.090102	1.072688
O	2.601458	3.035441	1.104647
Ti	-1.424371	1.586683	1.706730
O	0.128011	1.811788	2.633524
Ti	-0.064723	-1.892850	1.872989
Ti	1.631973	1.497347	1.580867
O	-1.233880	-0.353772	0.961807
O	2.749329	0.511884	2.579931
O	1.537245	-2.154161	2.790807
Ti	-4.222349	0.487575	-0.768890
O	-2.414019	1.109766	-0.744047
O	-4.144507	-1.037174	-1.836811
O	0.044170	1.063493	-2.330465
Ti	-2.919220	-2.319937	-1.269921
O	-1.802036	-3.755821	-1.834665

Ti	-0.164843	-3.060798	-1.367509
Ti	-0.092199	-0.037766	-0.870975
O	1.097485	-1.373426	-1.480547
O	-1.329276	-1.342202	-1.468782
O	1.426386	-3.807954	-1.923532
O	-1.442871	3.605037	-1.721031
Ti	3.143147	2.750577	-0.607080
Ti	0.136986	2.719469	-1.578176
O	4.765144	2.001235	-1.008880
O	2.546971	0.998111	-0.458474
O	1.809594	3.444830	-1.719101
O	1.130007	-0.486792	0.955506
Ti	2.717408	-1.189029	1.757726
Ti	2.625607	-2.439528	-1.376135
Ti	4.274186	0.174482	-0.732894
O	3.947169	-1.230294	-1.904891
O	4.453942	-0.532587	0.838749
O	2.856381	-2.556767	0.351754

15a

E = -15001.074046 Hartree

Ti	3.645795	-0.817621	0.441066
O	3.955684	0.951829	0.158090
O	3.805384	-1.768224	-1.115847
Ti	-0.342095	0.475237	3.344139
Ti	2.877475	2.379794	-0.181801
O	-0.060713	2.349081	3.297113
O	2.411489	3.250174	1.354237
O	3.468188	-1.261144	2.231461
O	0.998025	0.666307	1.830846
Ti	0.652452	2.672636	1.657574
O	-1.230502	1.683371	0.399082
Ti	2.029492	-2.052908	-1.622779
Ti	0.209956	-0.549884	-3.350659
O	1.798735	-1.141129	0.376868
O	0.775717	1.090685	-3.943302
O	-2.998763	-2.437509	-1.579018
O	1.357381	-2.058290	-3.317226
Ti	0.432958	-3.500008	0.442966
O	1.675622	-3.720715	-0.854552
Ti	1.627629	-1.307775	2.431042
Ti	-0.048932	-0.020142	0.005232
Ti	0.975784	1.930054	-2.306268
O	-0.770325	-0.741806	1.800083
O	1.108681	1.764628	-0.266993
O	-0.312593	3.220000	-2.054954
O	1.051504	-3.024736	2.108138
O	-0.347781	-2.007924	-0.444626
O	-2.198998	-0.507495	-0.086189
O	2.619166	2.734035	-1.980554
O	0.891283	-0.701079	4.020344
Ti	-2.723795	-0.532367	1.990984

Ti	-1.237345	3.383354	-0.478892
O	-2.157876	0.112676	3.619375
O	-0.839282	0.393684	-1.856000
O	-0.279835	4.099067	0.873540
Ti	-2.475444	-0.708846	-2.169225
O	-1.546372	-1.039075	-3.728661
O	-3.705259	0.594846	-1.874511
Ti	-2.235868	-2.630621	0.028898
Ti	-3.181952	1.331113	-0.229393
O	-3.045695	3.167521	-0.538751
O	-1.254596	-4.183924	0.386494
O	-3.903481	0.796289	1.318773
O	1.350613	-0.177101	-1.738434
O	-3.182204	-2.247090	1.597240

16a

E = -16001.237739 Hartree

Ti	1.568607	-0.135955	2.513599
Ti	1.351747	-2.702351	0.014046
O	3.330349	-0.319385	3.052673
Ti	4.657072	-0.388866	1.805532
O	5.397026	-2.098705	1.577486
O	3.046314	-3.529577	0.027118
Ti	4.602488	-2.592858	0.013863
O	3.907526	-0.768998	0.004160
O	1.673068	1.251009	-1.419546
Ti	1.567258	-0.173594	-2.506863
O	0.002227	-0.013856	-3.474370
O	1.348390	-1.635685	-1.451485
O	3.327814	-0.345321	-3.052548
O	5.390457	-2.116436	-1.558876
O	5.493323	1.109381	1.494248
O	5.490322	1.093885	-1.509598
Ti	4.653261	-0.407296	-1.803780
O	3.489430	3.032397	-0.016472
O	1.668574	1.299325	1.440339
Ti	5.312671	2.362923	-0.014001
Ti	1.831925	2.416647	-0.008507
O	-1.342625	1.579785	-1.436969
O	6.426597	3.545915	-0.020206
O	0.286608	3.486513	-0.028945
O	-5.390086	2.116732	1.558970
Ti	-4.653387	0.407317	1.803653
Ti	-1.567232	0.174195	2.506854
O	-5.490772	-1.093665	1.509382
O	-5.492559	-1.109733	-1.494420
O	-1.671817	-1.249209	1.417800
Ti	-5.312598	-2.362996	0.014127
Ti	-1.831906	-2.416701	0.008345
O	-3.327966	0.344486	3.052391
O	-0.002286	0.013841	3.474426
O	-3.489351	-3.032593	0.018102

O	-6.426629	-3.545880	0.020128
O	-0.286571	-3.486578	0.028845
O	1.343099	-1.581772	1.438689
Ti	-1.568726	0.135264	-2.513529
Ti	-4.657135	0.389020	-1.805642
O	-3.330278	0.320469	-3.052675
O	-1.669920	-1.301220	-1.442025
O	-1.348962	1.637544	1.453146
Ti	-1.351691	2.702277	-0.013751
O	-3.907570	0.769088	-0.004243
O	-5.397458	2.098673	-1.577278
Ti	-4.602394	2.592963	-0.013977
O	-3.046170	3.529597	-0.028165

16b

E = -16001.192433 Hartree

O	0.002844	2.447965	0.000090
O	1.605039	2.394548	2.439882
Ti	0.007252	1.858038	-1.717841
O	1.611227	2.441492	-2.449000
Ti	3.110063	1.670729	-1.704076
Ti	3.106609	-1.643253	-1.708855
O	4.897189	2.227323	-1.456423
Ti	5.642682	1.431734	0.023540
O	6.890715	0.020300	-0.005127
O	4.899219	-2.180795	-1.480333
Ti	5.640093	-1.390631	0.005770
O	4.463969	0.022673	0.056530
O	4.874139	2.230017	1.501565
O	2.476807	1.569221	-0.005812
Ti	3.105592	1.619557	1.707772
O	3.142010	0.015194	-2.443180
O	3.113005	-0.032305	2.473552
O	2.496898	-1.567327	0.002053
O	0.001797	-0.021020	1.705318
Ti	-0.009725	1.830955	1.708747
O	-1.610549	2.397860	2.466823
O	1.601040	-2.467295	2.412392
O	4.900150	-2.226645	1.472025
Ti	3.111622	-1.677143	1.715745
O	-4.883303	2.236092	-1.452581
O	-3.119767	0.011214	-2.446532
Ti	-3.103317	1.658850	-1.677686
O	-1.612503	2.443052	-2.418429
O	-0.003946	0.004823	-1.743198
Ti	0.000233	-1.847378	-1.755210
O	1.619058	-2.416996	-2.467062
Ti	-3.107682	-1.671959	1.694295
Ti	-3.111281	1.627079	1.728286
O	-4.895069	-2.222365	1.461843
Ti	-5.639373	-1.388837	-0.002983
O	-6.891596	0.019559	0.003410

O	-4.886761	2.222484	1.502749
Ti	-5.644649	1.432837	0.020316
O	-4.463202	0.025785	0.022234
O	-4.905429	-2.181933	-1.491997
O	-2.499106	-1.572080	-0.019725
Ti	-3.110415	-1.652260	-1.731138
O	-3.136521	-0.030883	2.467868
O	-2.469154	1.559981	0.024911
Ti	0.001679	-1.872832	1.681288
O	-1.603592	-2.453186	2.412191
O	-0.001576	-2.449261	-0.042401
O	-1.611336	-2.427580	-2.470548

17a

E = -17001.308783 Hartree

O	1.394368	2.865407	3.316948
Ti	2.410793	2.090121	1.950829
O	4.780227	-0.578902	0.018414
O	3.610200	0.868590	2.671443
O	2.678915	0.839862	0.249075
O	2.925376	3.353177	0.714340
O	3.885535	1.658446	-1.956919
Ti	2.645511	2.611725	-0.956094
O	1.843319	3.835291	-2.110006
O	-1.407678	3.518349	2.082165
O	-0.699662	-0.120199	-1.484204
O	3.907510	-2.326090	2.083135
Ti	3.691120	-0.547876	1.511615
Ti	2.495728	-3.051939	1.161247
O	2.784250	-3.420261	-0.605870
O	0.964150	-3.788542	1.811163
O	0.628179	1.385609	1.493066
O	-1.133766	-2.280659	3.143664
Ti	-0.272991	2.282053	2.843838
O	-1.125359	0.902438	3.688559
Ti	0.634259	-0.095301	-0.023998
Ti	-1.739740	-0.632507	2.834531
O	-0.764342	-0.702317	1.271078
O	-3.542418	-0.731369	2.405873
O	-2.236639	1.653411	0.132704
Ti	3.785874	-0.083419	-1.430230
O	3.852925	-1.550898	-2.621469
O	1.935397	-0.700287	-1.432507
O	-0.687755	2.152636	-3.343863
O	-1.514796	-0.938679	-3.681076
Ti	0.140454	3.168719	-2.063587
O	-1.019190	4.053615	-0.947465
Ti	-2.126825	3.457005	0.378445
Ti	-1.660849	0.644152	-2.873515
O	-3.369065	1.174279	-2.368212
O	0.852016	1.847029	-1.012423
O	-3.885533	3.458648	-0.215188

Ti	2.321212	-2.403495	-2.075807
O	0.796173	-2.713124	-3.059110
Ti	-0.498762	-2.750923	1.382149
Ti	-0.736874	-2.035339	-2.280853
O	-1.931315	-3.742208	0.821237
O	1.898226	-1.274293	1.151383
O	-2.123650	-3.213419	-2.041599
O	0.100076	-2.198452	-0.454560
Ti	-4.379784	-1.076699	0.819432
Ti	-3.891054	1.665119	-0.693214
Ti	-3.065134	-3.110620	-0.447018
O	-2.900304	-1.309657	-0.232358
O	-4.765818	-2.819265	0.305489
O	-5.050132	0.482203	0.103223

18a

E = -18001.391791 Hartree

O	0.832292	-3.540732	0.574713
O	-0.988055	-1.935685	-0.946604
Ti	0.890552	-3.130446	-1.242695
Ti	-1.997810	-3.311993	-1.419025
O	-0.518294	-4.144212	-2.047299
O	2.472792	-3.617695	-1.824346
Ti	-3.581500	1.702256	-2.106380
O	-4.762726	0.454492	-2.869358
O	-3.425241	-2.501557	-2.371283
Ti	-4.307489	-1.002312	-1.858279
O	-2.903957	0.119301	-1.249216
O	-2.751212	-1.262233	1.062666
Ti	-2.752625	-3.012309	1.790518
Ti	0.455149	-2.460880	1.944971
O	-1.147666	-2.996477	2.691251
O	-2.658455	-3.932571	0.247339
O	-4.406529	-2.496149	2.407123
O	-5.252758	-1.174852	-0.300902
O	-4.103317	2.558732	-0.686016
O	-4.578505	0.777268	1.875217
Ti	-4.606789	-0.904034	1.403178
O	-1.681050	1.304995	1.044547
Ti	-4.117661	2.641130	1.296942
Ti	-1.447852	-0.147514	0.106054
O	0.142528	-0.774950	1.129849
O	2.024353	-2.307083	2.873165
O	-5.373064	3.565324	1.743458
O	5.254989	1.177755	0.282093
Ti	4.604109	0.907103	-1.419676
Ti	2.752404	3.027192	-1.775233
O	4.571447	-0.775479	-1.888392
O	4.109652	-2.566164	0.677748
O	2.750458	1.266676	-1.068086
Ti	4.102647	-2.638974	-1.303789
Ti	1.458100	0.145828	-0.113512

O	4.398373	2.508496	-2.411515
O	1.150629	3.016110	-2.680674
O	1.687294	-1.312524	-1.043459
O	5.363650	-3.561401	-1.734526
Ti	-0.449463	2.471456	-1.935833
O	-2.013592	2.323372	-2.872264
O	-0.139814	0.776264	-1.133839
O	0.989417	1.926099	0.943322
Ti	3.595604	-1.705545	2.096191
O	-0.834150	3.541617	-0.561077
O	0.505135	4.119847	2.073426
O	2.652576	3.933462	-0.223884
Ti	-0.903633	3.121934	1.255055
Ti	1.988656	3.297685	1.437948
O	2.916480	-0.125092	1.235526
O	4.779649	-0.454448	2.850201
Ti	4.315960	1.001884	1.844577
O	-2.488239	3.610049	1.827985
O	3.429427	2.492680	2.370330

18b

E = -18001.384344 Hartree

O	4.759002	2.670376	-0.961209
Ti	2.997704	2.292580	-1.438979
O	0.890764	-0.825374	-1.482150
O	2.804918	1.065067	-2.797372
O	1.761198	2.236944	0.171260
O	1.810556	3.632872	-1.872957
O	-0.415253	1.396853	-1.046702
Ti	0.241029	3.225967	-0.984985
O	-1.068614	3.406813	-2.272015
O	-0.575932	4.107007	0.459874
O	4.201399	1.770355	1.833975
O	1.597392	1.657890	3.075533
O	1.674837	-1.732013	-3.693217
Ti	-0.675365	-0.328137	-0.241214
Ti	2.477934	-0.715406	-2.432378
Ti	0.086593	-2.226819	-2.810544
O	-1.435308	-1.944973	-3.797565
O	0.277506	-3.822950	-1.936797
O	3.696485	-1.737814	-1.484620
O	3.525739	0.595807	-0.333294
O	-1.267069	-1.860421	-1.350544
Ti	5.087578	1.348704	0.318525
O	5.662730	-0.414760	0.489269
Ti	2.456278	1.165601	1.526899
Ti	4.061232	-1.344661	0.257114
O	0.142874	-1.971314	0.798168
O	3.645093	-2.887211	1.193091
O	2.489690	-0.749656	1.376639
Ti	-2.110560	1.900082	-2.059581
O	-2.376400	0.734512	-3.428767

O	-2.471779	0.176907	-1.000039
O	-3.725105	2.615468	-1.437616
O	-4.860531	0.654679	0.472144
Ti	-1.918178	3.587578	1.582750
O	-1.207510	2.907724	3.138853
Ti	-0.193126	1.374001	3.116093
Ti	-4.027255	2.346335	0.308469
O	-3.734026	3.912687	1.289036
O	-2.321764	1.965334	0.831168
O	-0.688084	-0.103774	4.054217
Ti	-2.564575	-0.975208	-2.656360
O	-4.155027	-1.443597	-1.871341
Ti	-0.273849	-3.609827	-0.185721
Ti	-4.022921	-0.855350	-0.083704
O	-1.939264	-4.053439	0.481332
O	-2.295607	-1.210212	0.957440
O	-4.508571	-2.348225	0.938922
O	-0.203209	0.327472	1.578587
Ti	1.852940	-2.679766	1.627928
Ti	-0.562958	-1.459321	2.795601
Ti	-2.858831	-2.877795	1.529610
O	-1.921992	-2.640970	3.108076
O	1.093211	-4.213454	0.833597
O	0.990057	-2.338145	3.218847

18c

E = -18001.384308 Hartree

Ti	4.420595	1.734627	-0.926750
Ti	3.644578	2.141588	1.731361
O	3.460296	2.832369	-2.049240
Ti	1.600503	2.970952	-1.807579
O	1.349272	3.519413	-0.111076
O	2.443676	3.392585	2.329444
Ti	0.721106	3.387292	1.600622
O	3.011085	1.292091	0.206640
O	-0.725903	4.541008	1.877253
O	0.191925	3.984819	-2.518955
O	0.936676	1.321126	-2.069796
Ti	0.764874	-0.338090	-1.273569
O	5.099424	2.518968	0.628619
O	1.069558	-0.333102	0.603232
O	0.182901	1.720695	2.055950
Ti	4.004913	-1.479337	-1.261493
O	5.024244	0.108395	-1.535678
O	3.962110	-1.408339	0.545840
O	3.445801	0.572417	2.672118
O	2.444531	-0.905425	-1.849598
Ti	-1.455755	3.654997	-1.803074
O	-2.372414	4.964292	-0.850841
Ti	-2.216011	4.170988	0.829867
O	-1.305727	2.880615	-0.116928
O	-3.717978	3.339967	1.505146

O	-2.260960	2.203800	-2.608029
Ti	-2.674600	0.724847	-1.614070
Ti	1.454521	-3.651822	1.808052
O	2.372465	-4.962931	0.858168
Ti	2.216519	-4.172564	-0.824066
O	1.305622	-2.880414	0.120463
O	3.717524	-3.341733	-1.501770
O	2.260141	-2.199903	2.609885
Ti	2.674855	-0.723521	1.613683
O	-2.445474	0.904964	1.848304
O	-3.962601	1.408852	-0.546280
O	-3.442067	-0.570463	-2.674614
Ti	-4.005933	1.478293	1.260957
O	-5.024741	-0.110521	1.532317
Ti	-4.421486	-1.735993	0.921355
Ti	-3.641596	-2.140381	-1.736054
O	-3.462396	-2.833547	2.045427
Ti	-1.602110	-2.971539	1.807581
O	-1.349300	-3.520737	0.111346
O	-2.441253	-3.393062	-2.331014
Ti	-0.720058	-3.389140	-1.599785
O	-3.010800	-1.292495	-0.209453
O	0.727312	-4.543557	-1.872683
O	-0.193550	-3.982925	2.521617
O	-0.938238	-1.320930	2.068958
Ti	-0.765325	0.339104	1.272870
O	-5.098218	-2.518683	-0.635519
O	-1.069870	0.333545	-0.604034
O	-0.181943	-1.721983	-2.054964

19a

E = -19001.465196 Hartree

O	3.467805	1.132968	2.231823
O	1.083409	-4.066505	1.449212
Ti	3.580539	-0.512721	1.465964
Ti	1.382774	-2.381701	2.044139
O	0.322935	-2.276468	3.558601
O	4.323393	-2.352243	-1.784677
O	3.181885	-2.121786	2.253029
O	1.408879	-0.308236	1.728855
O	5.276467	-0.718282	0.740416
O	4.691888	0.763725	-1.915114
Ti	4.920392	-0.800411	-1.057364
O	1.385807	1.361140	-0.100599
O	3.087540	-0.561894	-0.484288
O	1.781545	3.425374	1.481613
O	0.671779	5.280115	-0.595815
O	-2.686726	-2.528304	2.966505
Ti	-1.272818	-1.469114	3.329556
Ti	0.013587	0.047007	0.295343
Ti	-2.603521	-2.634249	1.089280
O	-1.478009	-3.864491	0.666455

O	-4.279457	-3.112663	0.358245
O	-1.408636	0.138619	4.240709
O	-1.167015	-1.121099	1.493234
O	-0.440054	1.479903	1.838903
Ti	1.712820	1.724255	2.164536
O	1.034761	2.003881	3.861731
Ti	-1.030479	4.676808	-0.969636
Ti	-0.773585	1.729538	3.678569
O	-0.161914	3.045968	-1.109757
O	-2.098639	2.844987	3.121644
O	-1.997809	4.164645	0.510500
Ti	2.451684	-2.345847	-1.535811
O	1.792705	-4.059555	-1.310495
O	0.951637	-2.023886	0.009115
O	1.703336	-1.635382	-2.930598
O	-0.923147	-1.335554	-3.872946
Ti	2.895182	1.298424	-1.557587
O	1.926391	0.978780	-2.950375
Ti	1.492260	3.604728	-0.312625
Ti	0.340892	-0.210955	-3.199427
O	-0.703270	1.417275	-3.469023
O	2.931395	3.141460	-1.291386
O	-0.382494	-0.518613	-1.530887
Ti	0.325382	-3.802302	-0.248662
O	-0.842656	-3.376344	-1.803606
Ti	-4.430626	-2.088470	-1.119962
Ti	-1.742833	-1.999090	-2.340587
O	-5.112188	-0.421580	-0.863923
O	-2.752106	-1.290893	-0.578443
O	-3.533677	-2.512133	-2.647200
O	-1.628814	1.230463	-0.258450
Ti	-2.171496	2.514328	1.279618
Ti	-1.618734	2.215441	-2.204486
Ti	-3.588630	0.627032	-0.566675
O	-3.347854	1.451582	-2.127817
O	-3.793396	1.763658	0.894166
O	-1.963371	4.051450	-2.423359

20a

E = -20001.620273 Hartree

O	0.105754	1.440369	-1.484477
Ti	0.004179	-0.018848	-2.567395
O	-1.603014	0.072462	-3.467094
O	0.047653	1.426237	1.407891
Ti	0.128829	2.549118	-0.033597
O	-2.966004	1.498996	-1.328244
O	-1.443260	3.543558	-0.045595
O	-7.058019	1.994550	1.571303
Ti	-6.263321	0.307698	1.803386
Ti	-3.173668	0.214223	2.498175
O	-7.063374	-1.210212	1.499147
O	-7.007179	-1.246167	-1.500155

O	-3.196228	-1.138107	1.320612
Ti	-6.817150	-2.488149	0.019831
Ti	-3.345563	-2.399765	-0.010622
O	-4.939535	0.253213	3.053461
O	-1.609417	0.073717	3.454050
O	-4.974955	-3.090969	0.071345
O	-7.892662	-3.706519	0.016031
O	-1.755937	-3.373549	0.045142
Ti	-3.165559	0.121283	-2.499459
Ti	-6.261785	0.299523	-1.809150
O	-4.925240	0.317183	-3.045456
O	-3.245866	-1.387211	-1.536262
O	-3.034263	1.757586	1.546934
Ti	-3.064756	2.708894	0.012447
O	-5.536588	0.709158	-0.003942
O	-7.096154	1.965231	-1.569679
Ti	-6.315017	2.498141	-0.014166
O	-4.781606	3.476543	-0.070583
Ti	-0.003615	0.007991	2.551505
O	-0.090872	-1.437634	-1.427610
O	1.609328	-0.120877	-3.469395
O	-0.049327	-1.452213	1.467462
Ti	-0.128753	-2.558032	0.017871
O	2.990477	-1.596665	-1.385049
O	1.443326	-3.553335	0.007960
O	7.064467	-1.962348	1.600333
Ti	6.257157	-0.279951	1.813873
Ti	3.166237	-0.158619	2.506122
O	7.042285	1.242267	1.490383
O	7.022964	1.224862	-1.509718
O	3.202753	1.229228	1.374101
Ti	6.815809	2.493713	-0.015090
Ti	3.346036	2.405567	-0.028793
O	4.930914	-0.233716	3.061723
O	1.599601	-0.034143	3.461058
O	4.974736	3.102563	0.001384
O	7.895140	3.708765	-0.030500
O	1.751529	3.373487	-0.012613
Ti	3.174921	-0.176640	-2.505898
Ti	6.262546	-0.316840	-1.799279
O	4.938879	-0.331601	-3.050202
O	3.241065	1.296554	-1.487771
O	3.009224	-1.665082	1.498856
Ti	3.065395	-2.716260	0.030881
O	5.533760	-0.703800	0.010052
O	7.087910	-1.984458	-1.540986
Ti	6.314958	-2.492529	0.027138
O	4.786319	-3.479352	0.012206

20b

E = -20001.593388 Hartree

O	-3.235975	3.843754	0.082615
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O	-0.295445	-3.190381	3.068475
Ti	-2.213553	2.565597	0.978116
Ti	-0.828177	-1.457332	3.391759
O	0.233892	-0.715601	4.677294
O	-1.861965	-1.802214	1.357661
O	-3.187485	1.299076	1.818228
O	-0.371588	1.839226	0.787964
O	-1.347346	3.617091	2.219972
O	0.514552	2.144865	3.935869
O	1.654128	4.013035	1.562467
Ti	2.852880	2.923164	0.706728
Ti	0.338839	2.925910	2.263170
O	4.286269	2.186479	1.575700
O	2.062571	1.587208	-0.561157
O	-1.817839	3.583421	-2.650503
O	3.357667	3.682513	-0.917547
O	0.950431	2.892822	-2.677425
O	-5.049284	-1.093789	1.847424
Ti	-5.222251	-1.494545	0.033204
Ti	0.846443	0.214586	0.373908
Ti	-3.306139	-0.526867	1.994869
O	-2.557319	-0.868052	3.628292
O	-1.686850	-4.170424	0.397668
O	-5.682165	-0.428038	-1.356353
O	-3.518278	-0.688986	-0.123128
O	-4.441718	-3.082462	-0.330828
Ti	-3.283769	3.260527	-1.644550
O	-4.598511	2.158628	-2.244528
Ti	-0.703622	2.110544	-2.312648
Ti	-4.042481	0.441323	-1.744654
O	-2.387756	1.709737	-1.015939
O	-3.056853	-0.406895	-2.910842
O	-0.965485	0.970929	-3.567633
Ti	1.223629	0.491781	3.690438
O	0.234469	-0.373405	2.214050
O	2.858854	-0.474190	0.692642
O	3.049428	0.185558	3.788661
O	3.712620	-3.092185	0.111097
Ti	3.763645	0.507410	2.140095
O	5.138137	-0.673854	1.668352
Ti	2.585109	2.498357	-2.076045
Ti	4.384813	-1.403606	0.181700
O	5.012179	-0.872744	-1.469721
O	1.841060	1.428596	1.847546
O	3.622157	1.327773	-3.076942
Ti	-0.258958	-3.438631	1.261881
O	1.130579	-4.538461	0.687645
Ti	-2.605357	-2.711600	-0.203847
Ti	1.971274	-3.379593	-0.396389
O	-1.679715	-2.267804	-1.674625
O	0.746115	-2.094423	0.227949
O	1.791302	-3.684617	-2.221047

O	2.297731	-1.017030	-1.981295
Ti	-1.130363	-0.788253	-2.651319
Ti	3.848096	-0.459831	-2.825042
Ti	1.775348	-2.215231	-3.288131
O	3.343055	-1.671220	-4.130623
O	-0.178998	0.188164	-1.218088
O	0.096009	-1.627297	-3.720773

24a

E = -24002.003399 Hartree

O	-1.540436	-1.513249	1.479461
Ti	-1.602959	-0.045294	2.557066
O	-3.210544	-0.082945	3.462928
O	-1.576819	-1.501607	-1.410252
Ti	-1.527154	-2.614413	0.031822
O	-4.604662	-1.521936	1.360301
O	-3.113589	-3.581955	0.048242
O	-8.701657	-1.922037	-1.554877
Ti	-7.872723	-0.253026	-1.798701
Ti	-4.781467	-0.215829	-2.499214
O	-8.642698	1.281678	-1.503125
O	-8.596138	1.334850	1.497756
O	-4.779499	1.157922	-1.348577
Ti	-8.380454	2.563764	-0.029076
Ti	-4.911222	2.410090	-0.006429
O	-6.549513	-0.237241	-3.050463
O	-3.216167	-0.125385	-3.458904
O	-6.528222	3.132460	-0.079469
O	-9.435625	3.799814	-0.035572
O	-3.303204	3.347935	-0.051921
Ti	-4.776627	-0.113744	2.501305
Ti	-7.876038	-0.221540	1.813706
O	-6.540721	-0.258195	3.050810
O	-4.830025	1.374739	1.506575
O	-4.669855	-1.740402	-1.512179
Ti	-4.721641	-2.713383	0.007040
O	-7.155934	-0.655844	0.012872
O	-8.737401	-1.875617	1.584891
Ti	-7.966543	-2.430219	0.032003
O	-6.454184	-3.442846	0.081736
Ti	-1.607047	-0.081146	-2.556216
O	-1.666791	1.366040	1.413108
O	0.002964	0.033510	3.443689
O	-1.638496	1.379163	-1.480319
Ti	-1.696042	2.486482	-0.031785
O	1.557747	1.513158	1.433555
O	-0.106681	3.424528	-0.026551
Ti	1.604734	0.023829	-2.559834
O	1.654229	-1.406996	-1.443128
Ti	1.699429	-2.502624	0.016771
O	-0.001421	-0.049246	-3.446614
O	0.106998	-3.436953	0.020403

Ti	1.606754	0.074390	2.551812
O	1.654771	-1.368948	1.448983
O	1.556786	1.474607	-1.454437
Ti	1.526660	2.602492	-0.024489
O	3.212447	0.126653	3.460227
O	4.626966	1.634724	1.415439
O	3.106230	3.579852	-0.033392
O	8.710163	1.902563	-1.583683
Ti	7.871690	0.235454	-1.804967
Ti	4.778787	0.146885	-2.508761
O	8.627018	-1.302218	-1.484604
O	8.614683	-1.284680	1.517341
O	4.798917	-1.268175	-1.411001
Ti	8.384802	-2.549417	0.022641
Ti	4.916505	-2.415349	0.019402
O	6.547667	0.221501	-3.055225
O	3.211649	0.067967	-3.466641
O	6.536395	-3.134751	0.012552
O	9.448350	-3.777879	0.034820
O	3.310649	-3.359113	0.026093
Ti	4.779478	0.182880	2.501779
Ti	7.871558	0.265057	1.808335
O	6.544270	0.289373	3.055224
O	4.817035	-1.265140	1.448121
O	4.641216	1.632907	-1.467642
Ti	4.717685	2.717474	-0.026498
O	7.151927	0.667500	-0.001372
O	8.716887	1.924429	1.557646
Ti	7.960581	2.443423	-0.015199
O	6.447762	3.455841	-0.019741

24b

E = -24001.9751773 Hartree

Ti	2.547724	-4.260586	1.324459
O	2.741110	-5.472769	-0.067413
Ti	2.533955	-4.214395	-1.418755
O	2.291893	-3.057636	-0.022903
O	0.918189	-4.021437	-2.278809
O	0.946557	-4.092198	2.224850
O	-0.001687	-1.276818	2.231420
Ti	-0.547003	-3.105571	1.818945
O	-0.616330	-3.231630	0.000660
O	0.004008	-1.224148	-2.234659
Ti	-0.579793	-3.054605	-1.812261
O	-2.065444	-3.983875	-2.441639
O	-2.374711	-1.644682	-1.569718
O	-2.420893	-1.644032	1.603530
O	-2.037677	-3.998421	2.467330
O	-3.707039	-3.767954	0.018224
Ti	-3.472326	-3.096215	1.695109
O	-5.141925	-2.494064	2.280482
Ti	-3.474411	-3.071697	-1.651813

O	-5.130763	-2.481149	-2.273968
Ti	-5.893597	-1.057017	-1.386666
Ti	-5.888453	-1.070314	1.379907
O	-5.785737	0.572781	-2.250484
Ti	-4.429988	1.772379	-1.822463
O	-4.602797	1.770010	-0.025059
O	-5.789850	0.571893	2.220382
Ti	-4.440704	1.770550	1.775441
O	-4.684794	-0.924211	-0.006818
O	-4.050701	3.554738	-2.190985
O	-2.911867	0.957905	-2.416730
Ti	-1.491247	0.042635	-1.743740
O	-7.115699	-1.294633	-0.001661
O	-1.452505	0.409525	0.009591
O	-2.920633	0.972701	2.387265
Ti	-1.507515	0.020979	1.757912
O	-4.069435	3.547454	2.158078
O	4.052272	-3.523316	-2.220592
Ti	5.893000	1.038382	1.388256
Ti	5.888634	1.083297	-1.378044
O	5.792010	-0.606220	2.223948
Ti	4.436130	-1.795811	1.775514
O	4.615458	-1.776942	-0.023033
O	5.780788	-0.539499	-2.253759
Ti	4.436908	-1.751056	-1.820180
O	4.684888	0.918870	0.005863
O	4.067712	-3.580222	2.132847
O	2.918460	-0.991485	2.386587
Ti	1.492422	-0.056463	1.756424
O	7.115580	1.291180	0.008098
O	1.442721	-0.406675	0.001507
O	2.912051	-0.942494	-2.404357
Ti	1.502429	-0.003983	-1.744619
Ti	3.470687	3.056172	1.708611
O	5.129305	2.444861	2.304838
O	2.413576	1.659831	-1.574593
O	2.057415	4.019694	-2.418333
O	3.706468	3.766092	0.046148
Ti	3.476251	3.110454	-1.638810
O	5.143519	2.527249	-2.245341
O	2.379811	1.629955	1.598364
Ti	-2.543467	4.248893	-1.372774
O	-2.742870	5.474339	0.009817
Ti	-2.538520	4.228863	1.370359
O	-2.287945	3.060211	-0.010309
O	-0.938844	4.030759	2.265778
O	-0.924925	4.087895	-2.237658
O	0.001041	1.279460	-2.210363
Ti	0.564167	3.106447	-1.791596
O	0.619315	3.234316	0.023132
O	-0.007278	1.226652	2.250609
Ti	0.564610	3.060017	1.840045

O 2.048502 3.964417 2.494371

24c

E = -24001.891891 Hartree

O	1.812990	2.508265	-2.716280
Ti	0.540197	1.497433	-1.812894
Ti	2.348430	-1.479345	-1.877392
O	-0.683928	2.999227	-1.326948
O	0.993662	5.040156	0.443948
O	1.042935	1.067740	-0.121390
Ti	-0.571486	4.004896	0.278166
Ti	0.787898	1.153049	1.708700
O	0.865499	-0.345591	-2.494325
O	3.222196	-2.954340	-2.254807
O	-0.543617	2.573774	1.494625
O	-2.109598	4.760527	0.562000
Ti	3.735450	-3.541527	-0.429607
O	3.450468	-3.621821	1.488172
O	1.224451	-0.700796	2.130398
Ti	2.624125	-2.072000	1.754828
O	2.903160	-1.739339	-0.061428
O	4.506014	0.967408	0.461563
Ti	3.850159	2.553258	1.656180
Ti	2.768347	4.852053	0.204220
O	3.845210	4.415517	1.641008
O	2.250575	2.012327	2.358648
O	5.084267	1.802710	2.751094
O	3.928976	-1.059293	2.572043
O	5.464150	-3.241311	-0.483940
O	6.598700	-0.837801	1.384853
Ti	5.227671	0.066770	1.999739
O	6.338504	-0.335396	-1.482922
O	3.552630	-0.113390	-2.181355
Ti	6.821024	-1.821902	-0.303504
Ti	4.939043	0.708642	-1.408633
O	2.924754	3.025560	-0.223669
O	3.303261	5.101008	-1.549176
Ti	3.307125	3.314426	-2.047191
O	8.339915	-2.348033	-0.540702
O	4.864398	2.422305	-2.186754
O	-3.923801	1.079160	-2.569363
Ti	-5.222808	-0.050934	-2.008069
Ti	-3.847601	-2.543650	-1.679156
O	-6.592212	0.852145	-1.386657
O	-5.462348	3.240025	0.507165
O	-4.503989	-0.962574	-0.475234
Ti	-6.819668	1.823718	0.308382
Ti	-4.939896	-0.715804	1.395734
O	-5.076140	-1.781948	-2.772362
O	-3.839996	-4.405649	-1.677300
O	-6.339417	0.327173	1.475410
O	-8.338562	2.348255	0.547987

Ti	-2.770314	-4.851661	-0.236567
O	-3.315240	-5.110854	1.511441
O	-4.872830	-2.435424	2.160197
Ti	-3.315700	-3.327072	2.021050
O	-2.928544	-3.027721	0.200552
O	-1.044867	-1.070105	0.133042
Ti	-2.349768	1.467756	1.892306
Ti	-3.733619	3.539910	0.456024
O	-3.221876	2.942009	2.277946
O	-3.555149	0.099838	2.179741
O	-0.866944	0.340391	2.510330
O	-1.826605	-2.521749	2.702744
O	-0.992424	-5.039579	-0.452670
O	0.682612	-2.998189	1.342329
Ti	-0.544790	-1.500466	1.823263
O	0.545362	-2.577894	-1.478686
O	-2.242599	-2.004119	-2.369983
Ti	0.572265	-4.007233	-0.260313
Ti	-0.785456	-1.153801	-1.698328
O	-2.902309	1.739600	0.076781
O	-3.448222	3.630524	-1.461480
Ti	-2.620781	2.083042	-1.736894
O	2.112443	-4.763109	-0.532307
O	-1.225503	0.701595	-2.114398

28a

E = -28002.385703 Hartree

Ti	-3.220922	0.005449	-2.543728
Ti	-3.292837	2.474361	-0.013790
O	-1.610568	-0.069065	-3.425119
O	-1.687911	3.373677	0.133059
O	-0.010067	1.268271	1.299278
O	-3.115397	-1.668345	1.559487
Ti	-3.215415	-0.136089	2.533375
O	-4.819205	-0.144720	3.449490
O	-3.329382	1.185914	1.288065
O	-1.608653	0.019756	3.411901
O	0.035474	-1.603489	1.563134
Ti	0.005356	-0.065691	2.534791
O	-1.537531	-3.444477	-0.127081
O	-3.259744	-1.352671	-1.317581
Ti	0.058597	-2.533292	-0.001279
Ti	-3.162691	-2.604548	0.006452
O	-6.161549	-1.382522	1.196163
O	-4.753224	-3.561744	-0.017633
O	-10.288745	-1.888157	-1.610885
Ti	-9.496773	-0.192976	-1.799698
Ti	-6.385990	-0.177133	-2.475278
O	-10.315683	1.304323	-1.459274
O	-10.176918	1.338395	1.540220
O	-6.293287	1.072043	-1.190577
Ti	-9.981068	2.571430	0.012731

Ti	-6.498911	2.403324	0.068182
O	-8.151693	-0.061737	-3.020309
O	-4.830591	-0.043832	-3.445211
O	-8.120030	3.100047	-0.108650
O	-11.012837	3.829631	0.043350
O	-4.894859	3.350766	0.016707
O	-3.197101	1.532018	-1.568321
Ti	-6.380393	-0.106043	2.478937
Ti	-9.495577	-0.244290	1.812394
O	-8.137178	-0.361367	3.017531
O	-6.481804	1.477384	1.649860
O	-6.352142	-1.801079	-1.650081
Ti	-6.346044	-2.667596	-0.069007
O	-8.783738	-0.633876	0.002499
O	-10.384959	-1.876946	1.534442
Ti	-9.588818	-2.410683	-0.011627
O	-8.067228	-3.404946	0.088827
Ti	6.382577	0.126816	-2.478824
Ti	6.348377	2.668824	0.089110
O	8.141336	0.380868	-3.011214
Ti	9.497451	0.254776	-1.804436
O	10.388388	1.884253	-1.511583
O	8.072886	3.402652	-0.052322
Ti	9.592821	2.404359	0.039537
O	8.785251	0.629236	0.008568
O	6.299631	-1.080811	1.185170
Ti	6.385773	0.158770	2.478597
O	4.828778	0.016714	3.445811
O	6.345991	1.787432	1.662750
O	8.150346	0.039255	3.026421
O	10.293228	1.865196	1.632814
O	10.178520	-1.330194	-1.545790
O	10.309686	-1.327969	1.454135
Ti	9.496618	0.170922	1.806660
O	8.116946	-3.105801	0.080489
O	6.476587	-1.462929	-1.658309
Ti	9.979155	-2.579538	-0.032233
Ti	6.496871	-2.403365	-0.084305
O	3.192264	-1.494997	1.517976
O	11.007727	-3.837628	-0.075397
O	4.893408	-3.351496	-0.024896
Ti	-0.007083	0.069982	-2.539192
Ti	3.217862	0.139680	-2.545191
O	-0.040684	1.606298	-1.567205
O	3.116766	1.640329	-1.519550
Ti	-0.060402	2.538184	-0.002951
Ti	3.161753	2.613753	0.012042
O	1.607265	-0.002340	-3.419005
O	4.824067	0.182288	-3.453016
O	1.535109	3.452708	0.119492
O	4.756091	3.564467	0.031308
O	6.170196	1.395527	-1.187483

Ti	3.218033	-0.002328	2.544916
O	1.607705	0.054045	3.427421
O	3.251750	1.390295	1.360925
O	3.340942	-1.225710	-1.350918
Ti	3.292497	-2.475535	-0.014024
O	0.009383	-1.255681	-1.294808
O	1.684744	-3.373449	-0.141021

28b

E = -28002.3085891 Hartree

O	-1.550365	3.550087	-2.506704
O	-1.484146	1.386995	1.926191
Ti	-1.692612	3.135851	1.482043
O	0.371061	-4.016355	-2.444044
Ti	-1.042441	-0.177527	1.087481
O	-0.741829	-1.673657	2.113374
O	-0.844124	-0.245819	-0.797052
Ti	-0.087877	-3.331903	1.795078
O	0.098171	-3.421676	-0.057268
O	-2.975030	2.844043	-0.092797
Ti	-3.044027	2.644003	-1.922462
O	-3.258500	3.654339	2.291992
O	-2.912353	-0.676049	0.510053
Ti	-2.691529	-0.731365	-1.433934
O	-3.792127	-2.606702	2.526869
O	-4.645371	3.261363	-2.584358
O	-5.711303	3.712589	0.047155
O	-5.716410	-0.561388	3.028689
Ti	-4.487172	-1.095989	1.719342
O	-5.601932	-1.840056	0.531527
O	-7.317707	-1.128416	-1.644814
Ti	-5.812064	-2.146024	-1.266643
O	-4.399246	-1.330534	-1.928074
O	-2.791924	0.883347	-2.286091
Ti	-6.107830	2.894836	-1.521735
Ti	-7.421605	0.581006	-0.920870
O	-7.849160	2.190225	-1.721276
O	-5.701019	1.174140	-1.084121
O	-4.821491	1.010048	1.315808
Ti	-4.678453	2.930175	1.391766
O	-7.626769	0.660773	0.914420
Ti	-6.416407	0.950823	2.273401
O	-6.039662	2.699284	2.651865
Ti	-3.100170	-4.090317	1.748034
O	-4.090203	-5.409457	0.911537
Ti	-3.894214	-4.785675	-0.824753
Ti	-1.206515	-3.752362	-1.579649
O	-1.420447	-4.493604	2.312784
O	-2.452976	-5.139212	-1.885136
O	-5.383790	-3.969262	-1.467292
O	-1.843989	-2.215870	-2.227464
O	-2.786890	-3.480348	0.007486

O	2.787909	3.482040	-0.021776
O	1.418256	4.483261	-2.321274
O	4.092263	5.407652	-0.932986
Ti	3.102476	4.085750	-1.765597
O	2.452287	5.149387	1.865371
O	1.846552	2.227466	2.227389
Ti	3.893531	4.789784	0.804967
Ti	1.205446	3.761153	1.574779
O	5.380921	3.970464	1.447839
Ti	6.110825	-2.883101	1.530563
Ti	4.681293	-2.940891	-1.382987
O	7.852240	-2.178191	1.727290
Ti	7.425362	-0.573368	0.917306
O	7.627150	-0.663974	-0.918206
O	6.034122	-2.707089	-2.649856
Ti	6.410797	-0.957835	-2.271614
O	4.816484	-1.018287	-1.311841
O	5.708400	0.548583	-3.032870
O	7.322525	1.138138	1.636668
O	5.705044	-1.165128	1.083469
Ti	5.810262	2.146099	1.259547
O	4.648056	-3.244662	2.593540
O	3.257621	-3.670865	-2.273559
O	5.716573	-3.710635	-0.035040
Ti	2.687559	0.741360	1.435766
O	4.401894	1.330665	1.927719
O	5.600808	1.828171	-0.537415
O	3.790727	2.596714	-2.535276
Ti	4.481433	1.085983	-1.721184
O	2.800871	-0.870824	2.295154
O	2.907620	0.680517	-0.507614
Ti	3.044652	-2.631207	1.931910
O	2.974620	-2.839959	0.104070
O	-0.096505	3.411757	0.062813
Ti	0.089937	3.324354	-1.788689
O	-0.369278	4.023012	2.445920
O	0.846843	0.230767	0.807307
Ti	1.041777	0.169549	-1.081626
O	0.731278	1.662158	-2.111582
Ti	1.693553	-3.139456	-1.469100
O	1.551650	-3.540553	2.518081
O	1.493638	-1.389605	-1.919724

30a

E = -30002.511951 Hartree

O	2.904387	4.037543	2.520581
O	0.100059	0.874997	-0.026615
O	1.722002	1.285962	2.257097
Ti	-0.164385	-0.417877	1.250100
O	1.338510	-1.245780	1.989719
O	0.305054	-3.795660	2.369357
Ti	-4.544081	-4.196277	1.396599

O	-4.800070	-5.276856	-0.079365
Ti	-4.418070	-3.954580	-1.345334
O	-4.085052	-2.933175	0.160293
O	-2.981774	-4.316011	2.375814
O	-1.657561	-1.602156	1.916967
Ti	-1.429305	-3.478273	1.797446
O	-1.342521	-3.848532	0.074360
Ti	1.425396	3.061793	1.956005
O	-0.269509	3.405414	2.567547
Ti	-1.845745	3.131610	-1.720928
O	-1.790767	3.206888	0.106153
O	-1.446835	0.857807	2.139227
Ti	-1.858099	2.797023	1.881259
O	-3.231085	3.864168	2.578410
O	-3.738768	1.647267	1.535602
O	-3.711828	1.902693	-1.565437
O	-3.224155	4.245239	-2.305726
O	-4.892948	4.006913	0.124143
Ti	-4.712344	3.407996	-1.586355
O	-6.406396	2.959967	-2.233900
Ti	-4.713024	3.169902	1.735030
O	-6.416718	2.730615	2.348534
Ti	-7.323701	1.456596	1.377018
Ti	-7.313470	1.595959	-1.386126
O	-7.369428	-0.216223	2.155274
Ti	-6.123684	-1.521035	1.715587
O	-6.230808	-1.404521	-0.092704
O	-7.382954	-0.022908	-2.266301
Ti	-6.111430	-1.333595	-1.888070
O	-6.124901	1.287422	-0.011126
O	-5.834191	-3.139266	-2.207812
O	-6.021182	-3.318406	2.125120
O	-4.538213	-0.891145	2.378260
Ti	-3.062173	-0.141444	1.638713
O	-8.512381	1.882844	0.008125
O	-3.019475	-0.371986	-0.144542
O	-4.550659	-0.616161	-2.507315
Ti	-3.017166	0.126339	-1.874256
Ti	7.304424	-1.365784	-1.483618
Ti	7.338925	-1.524135	1.277991
O	7.346216	0.319395	-2.235544
Ti	6.093066	1.588083	-1.721975
O	6.254355	1.469983	0.068464
O	7.387799	0.063643	2.208791
Ti	6.112716	1.377045	1.870844
O	6.125535	-1.213238	-0.075892
O	5.926942	3.153409	2.366619
O	5.917940	3.411340	-1.986295
O	4.506255	0.934311	-2.373284
Ti	2.995340	0.138115	-1.765702
O	8.518331	-1.789919	-0.143438
O	3.031957	0.405147	0.002245

O	4.536241	0.651173	2.405817
Ti	2.979799	-0.030287	1.732871
Ti	4.727367	-3.156036	-1.827732
O	6.397673	-2.638257	-2.462717
O	3.675873	-1.868503	1.531192
O	3.329933	-4.237695	2.259052
O	4.952187	-3.941465	-0.206167
Ti	4.750612	-3.329339	1.508256
O	6.451729	-2.890109	2.132914
O	3.692115	-1.691182	-1.590649
Ti	-1.283007	-2.906769	-1.549514
O	0.199680	-3.479460	-2.397239
Ti	1.903180	-3.168146	1.698537
O	1.873442	-3.360507	-0.102345
O	1.451512	-1.003868	-2.341849
Ti	1.885059	-2.901729	-1.881312
O	3.224429	-3.921638	-2.630485
Ti	4.509845	4.243431	-1.119454
O	4.850736	5.365443	0.321853
Ti	4.506273	4.085579	1.626990
O	4.110682	3.023406	0.183866
O	2.918963	4.259224	-2.045099
O	1.585418	1.462514	-2.110369
Ti	1.419599	3.267902	-1.613758
O	1.309099	3.425571	0.177806
O	-1.403138	1.308668	-2.275804
O	-0.206827	3.813015	-2.226105
O	-2.821703	-3.747809	-2.195235
O	-0.272819	-1.473470	-0.346541
O	-1.608614	-1.123698	-2.344769
Ti	-0.050747	0.020707	-1.647671

30b

E = -30002.4831938 Hartree

Ti	-4.754500	-3.770670	-1.338975
Ti	-4.678865	-2.245485	1.630967
O	-6.506861	-3.273693	-1.811970
Ti	-7.293466	-1.807070	-1.066629
O	-8.515034	-1.989435	0.310372
O	-6.215805	-2.475969	2.622285
Ti	-7.441282	-1.447316	1.725237
O	-6.108400	-1.265920	0.369858
O	-7.398128	0.242094	2.326226
O	-7.366593	-0.323676	-2.076715
O	-3.759532	-2.321639	-1.811866
Ti	-6.192968	1.134087	-1.754142
O	-3.326305	-4.778234	-1.903053
O	-3.123181	-2.642021	2.451693
O	-4.760327	-3.663522	0.457478
Ti	-3.093645	-0.555540	-1.491434
Ti	-2.980823	0.440346	1.766692
O	-4.514814	0.370530	-2.013909

O	-6.415436	1.485774	0.013554
O	-4.563761	-0.085560	2.488300
Ti	-5.917829	1.254991	1.746402
O	-1.544055	3.671589	-0.174752
O	-3.937419	1.906389	1.017668
O	-2.921536	4.285508	2.243366
O	-5.861154	2.946405	2.367787
O	-6.107145	2.688673	-2.561185
O	-4.818495	4.359189	-0.197351
Ti	-4.442871	3.687600	1.371201
O	-3.026863	3.439978	-2.575223
O	-1.766120	0.827925	-1.638581
Ti	-4.829609	4.110616	-2.144607
Ti	-1.642401	2.765002	-1.762087
O	-5.181804	5.498435	-2.914605
O	0.063329	3.037342	-2.452949
O	-1.446318	-1.580679	-2.147391
O	-3.195417	-0.821297	0.383131
Ti	1.337997	-3.632341	-1.558459
Ti	-1.923850	-3.530247	-1.685090
O	-1.748421	-3.413541	0.070968
Ti	-1.479931	-2.346750	1.615937
O	-0.277440	-4.192893	-2.202579
O	-0.351244	-1.149417	0.287863
O	1.382956	-1.783078	-1.804292
Ti	-0.091255	-0.459838	-1.423756
O	1.394473	0.513942	-2.372878
O	-0.080833	-3.034208	2.506986
Ti	0.083023	0.457865	1.466684
O	-1.422816	-0.522830	2.402690
O	1.755718	3.402439	-0.040289
Ti	1.927057	3.519835	1.718033
O	-1.385357	1.775914	1.851970
O	0.285679	4.190209	2.238895
Ti	-1.338407	3.626501	1.614467
O	0.343436	1.144567	-0.243444
Ti	1.467770	2.340317	-1.578074
O	3.089538	2.627294	-2.456942
O	3.163448	0.810771	-0.367857
O	5.849209	-2.957062	-2.384522
Ti	4.452842	-3.690913	-1.347243
O	4.835510	-4.331069	0.234417
O	6.149733	-2.654700	2.546293
O	1.525008	-3.670120	0.233650
Ti	4.844454	-4.068021	2.180264
Ti	1.631595	-2.764567	1.818925
O	2.917979	-4.304428	-2.179489
O	3.037151	-3.415255	2.619103
O	5.205781	-5.447208	2.960211
Ti	3.095630	0.545168	1.504599
O	1.763357	-0.832505	1.687857
O	3.945776	-1.905726	-1.020568

Ti	2.962514	-0.446546	-1.748814
O	4.536877	0.092932	-2.489850
O	3.336756	4.765159	1.905203
O	4.729886	3.626117	-0.470270
O	7.371065	-0.241889	-2.404748
Ti	5.912682	-1.260543	-1.779579
O	6.448461	-1.492597	-0.060840
O	7.399937	0.347021	2.001669
Ti	6.229633	-1.118481	1.704612
O	4.540282	-0.378099	1.962552
O	1.447328	1.576804	2.176159
Ti	4.753002	3.750004	1.322836
Ti	7.317317	1.822699	0.981074
O	6.527628	3.276425	1.742191
O	3.768041	2.304945	1.835510
O	6.117080	1.263340	-0.434456
Ti	4.664570	2.230323	-1.676028
O	8.517897	2.004300	-0.419477
Ti	7.426376	1.451400	-1.813108
O	6.184210	2.487081	-2.683595

30c

E = -30002.473960 Hartree

O	3.153002	4.843026	1.566148
O	1.555045	-0.185163	2.273228
O	1.461436	2.098304	1.645931
Ti	-1.589366	3.915900	1.204108
Ti	1.602261	3.913468	1.139950
O	0.012100	4.671419	1.661451
O	-1.488515	2.145532	1.806364
Ti	0.061373	0.693664	1.425604
Ti	4.664924	3.914081	1.038222
Ti	4.473483	2.360094	-1.752884
O	6.524915	3.674204	1.380162
Ti	7.177834	2.072103	0.855297
O	8.334892	1.954293	-0.591759
O	5.980937	2.084306	-2.827086
Ti	7.169146	1.158876	-1.804762
O	5.929753	1.334993	-0.403414
O	7.237556	-0.620573	-2.235802
O	7.278242	0.786492	2.156211
O	4.070486	2.326123	1.496909
Ti	6.229055	-0.738023	1.939438
O	4.638734	3.878811	-0.797592
Ti	3.055789	0.711071	1.269371
Ti	2.846548	-0.737785	-1.476402
O	4.508632	-0.173423	1.967370
O	6.724129	-1.277294	0.304407
O	4.499035	-1.140913	-2.067817
Ti	6.102559	-1.794908	-1.353893
O	2.624167	-0.996948	0.299708
O	6.186169	-3.615480	-1.614183

O	6.009578	-2.415733	2.742945
O	4.543703	-2.757459	0.201988
O	3.024947	-2.854033	2.663452
Ti	4.641931	-3.353228	1.988232
Ti	1.571817	-2.156743	1.773628
O	4.976592	-4.989498	1.160323
O	3.206127	1.147138	-0.736652
O	1.585939	3.592389	-0.618121
O	-3.021130	-2.599778	2.797889
Ti	-1.483331	-2.180038	1.841459
O	-0.098730	-1.134702	0.461918
O	0.063315	-2.574168	2.720824
O	-1.409715	-0.202239	2.355907
Ti	4.829301	-4.389611	-0.590155
O	1.507785	-3.585461	0.537383
O	3.268850	-4.713964	-1.466051
O	-3.130970	-4.823088	-1.609048
O	-1.561595	0.201861	-2.270385
O	-1.446107	-2.088147	-1.658511
Ti	1.599530	-3.908829	-1.184943
Ti	-1.583507	-3.900946	-1.156441
O	0.006831	-4.668603	-1.663124
O	1.494872	-2.141584	-1.796030
Ti	-0.063572	-0.681677	-1.428706
Ti	-4.645879	-3.899539	-1.084430
Ti	-4.470828	-2.372155	1.722034
O	-6.506813	-3.672802	-1.426729
Ti	-7.169205	-2.079694	-0.885993
O	-8.330520	-1.988649	0.558659
O	-5.984577	-2.128734	2.796775
Ti	-7.172761	-1.198127	1.785131
O	-5.928550	-1.347557	0.383983
O	-7.243458	0.575055	2.240973
O	-7.275678	-0.777691	-2.169095
O	-4.061854	-2.304546	-1.533010
Ti	-6.239821	0.752599	-1.928909
O	-4.617714	-3.880061	0.749834
Ti	-3.057407	-0.693048	-1.275780
Ti	-2.846952	0.733994	1.480011
O	-4.514733	0.199974	-1.961144
O	-6.736013	1.268341	-0.287659
O	-4.504718	1.107128	2.081493
Ti	-6.111666	1.765512	1.377045
O	-2.625000	1.014849	-0.292994
O	-6.193226	3.581812	1.666463
O	-6.024334	2.440874	-2.710819
O	-4.558031	2.752146	-0.165342
O	-3.040323	2.879919	-2.629782
Ti	-4.658653	3.367387	-1.944727
Ti	-1.577780	2.176188	-1.762640
O	-4.999938	4.992895	-1.095885
O	-3.199210	-1.144492	0.719564

O	-1.576660	-3.587794	0.602332
O	-0.071952	2.583454	-2.716762
O	1.404570	0.203482	-2.360501
Ti	-4.841038	4.375210	0.646986
O	3.017707	2.589051	-2.820172
Ti	1.483629	2.181858	-1.854070
O	0.100249	1.143014	-0.461949
O	-1.503439	3.598337	-0.520058
O	-3.269678	4.700306	1.501985

32a

E = -32002.769752 Hartree

O	4.781266	1.540149	1.467633
Ti	4.820905	0.078410	2.558975
O	6.430229	0.107288	3.464343
O	4.812584	1.514518	-1.417697
Ti	4.786263	2.635742	0.016260
O	7.848307	1.539345	1.370579
O	6.381766	3.586014	0.020664
O	11.946294	1.847201	-1.576052
Ti	11.092386	0.188613	-1.806906
Ti	7.996419	0.172771	-2.502176
O	11.839313	-1.355252	-1.499053
O	11.800869	-1.381085	1.501487
O	7.976073	-1.205279	-1.358397
Ti	11.564121	-2.621387	-0.013651
Ti	8.095725	-2.429460	0.009184
O	9.765228	0.178112	-3.053909
O	6.427959	0.104496	-3.458472
O	9.705519	-3.169562	-0.050501
O	12.605456	-3.869143	-0.011871
O	6.479393	-3.352300	-0.018735
Ti	7.997558	0.122511	2.504260
Ti	11.096001	0.183810	1.807409
O	9.765505	0.237723	3.049610
O	8.027573	-1.359677	1.499805
O	7.902479	1.694636	-1.508423
Ti	7.979316	2.696709	-0.009737
O	10.383068	0.614764	0.002091
O	11.979081	1.825101	1.566705
Ti	11.219377	2.377255	0.007293
O	9.719638	3.408913	0.042996
Ti	4.820182	0.082472	-2.551632
O	4.859689	-1.345489	1.431739
O	3.213895	0.034322	3.444150
O	4.834467	-1.367428	-1.460330
Ti	4.878910	-2.474184	-0.007533
O	1.627334	-1.415444	1.432847
O	3.277274	-3.384268	0.003361
Ti	1.606561	0.025899	-2.549950
O	1.581435	1.461041	-1.431235
Ti	1.564278	2.572710	0.007707

O	3.214212	0.071097	-3.440191
O	3.163658	3.487639	0.000505
Ti	1.606961	0.017920	2.551052
O	1.582123	1.470501	1.454364
O	1.630492	-1.425519	-1.455206
Ti	1.654565	-2.528939	-0.007211
O	0.000034	-0.013755	3.440293
O	-1.587342	-1.478979	1.438163
O	0.056790	-3.442681	-0.006236
Ti	-1.607175	-0.026266	-2.551739
O	-1.635420	1.412552	-1.440819
Ti	-1.654703	2.518922	0.004860
O	0.000262	0.005673	-3.441255
O	-0.057220	3.433408	0.005188
Ti	-1.606746	-0.037660	2.549536
O	-1.635117	1.408080	1.447306
O	-1.585425	-1.473847	-1.448525
Ti	-1.565848	-2.582988	-0.007012
O	-4.852566	1.341944	1.444744
Ti	-4.819778	-0.095521	2.554492
O	-3.213262	-0.066976	3.441835
O	-4.847177	1.360580	-1.449452
Ti	-4.876503	2.467973	0.004089
O	-3.274729	3.377860	0.008680
O	-3.213668	-0.052616	-3.444684
O	-3.167013	-3.495299	-0.013065
Ti	-4.820811	-0.076510	-2.557972
O	-4.794087	-1.542867	1.442761
O	-6.427432	-0.120826	3.462014
O	-4.802283	-1.524211	-1.444981
Ti	-4.788584	-2.640798	-0.007635
O	-7.864695	-1.592378	1.408107
O	-6.385871	-3.588065	-0.009519
O	-11.957826	-1.821023	-1.577512
Ti	-11.092148	-0.168439	-1.805277
Ti	-7.997395	-0.143916	-2.507148
O	-11.825443	1.381144	-1.491936
O	-11.807748	1.380974	1.509764
O	-7.989178	1.263024	-1.399596
Ti	-11.559269	2.633623	0.007090
Ti	-8.091673	2.435980	0.011686
O	-9.767400	-0.175766	-3.054942
O	-6.429048	-0.093199	-3.464858
O	-9.700593	3.180176	-0.008367
O	-12.598571	3.883282	0.014427
O	-6.472396	3.353667	0.004460
Ti	-7.996158	-0.145140	2.504201
Ti	-11.093714	-0.180640	1.809068
O	-9.764500	-0.224698	3.053149
O	-8.008555	1.309125	1.459849
O	-7.888447	-1.638403	-1.474242
Ti	-7.982600	-2.696361	-0.015153

O	-10.382112	-0.604065	0.001022
O	-11.970913	-1.824545	1.565045
Ti	-11.221798	-2.365479	-0.003771
O	-9.725944	-3.403196	0.003056

32b

E = -32002.768716 Hartree

Ti	-1.428709	4.526929	1.788888
O	-1.633945	4.476099	-0.015092
O	-3.162906	4.444501	-2.435450
Ti	-1.415063	4.533690	-1.817060
O	-0.133273	5.828791	-2.139908
O	-0.154105	5.825065	2.117566
O	-0.529343	3.031973	2.326234
Ti	0.329152	1.513684	1.808119
O	0.267140	1.538315	-0.002548
O	-0.513345	3.039682	-2.350570
Ti	0.344439	1.526394	-1.814508
O	1.134307	-0.312475	-2.277873
O	1.123013	-0.332609	2.255340
Ti	1.517752	5.587694	1.362361
O	1.982669	6.747959	-0.001905
Ti	1.533745	5.588831	-1.373886
O	1.144664	4.431173	-0.007785
O	2.872716	4.697372	-2.272260
O	2.842614	4.692475	2.278464
O	2.217824	1.867958	2.138563
Ti	3.685528	3.123121	1.807814
O	3.870660	3.343788	0.008556
O	2.234043	1.884304	-2.125776
Ti	3.721166	3.131045	-1.790459
O	5.479439	3.139461	-2.428156
O	4.503160	1.020210	-1.548765
O	4.483237	1.001675	1.512808
O	5.416447	3.103839	2.503146
O	6.771338	2.007090	0.040823
Ti	6.164806	1.593267	1.713313
O	7.127257	0.119190	2.331297
Ti	6.199285	1.611922	-1.648052
O	7.184259	0.144297	-2.249745
Ti	7.067918	-1.465683	-1.347513
Ti	7.039269	-1.480015	1.405481
O	6.177937	-2.886251	-2.122689
Ti	4.361185	-3.137878	-1.818471
O	4.196344	-3.223776	-0.007317
O	6.144854	-2.916101	2.146465
Ti	4.336211	-3.161957	1.805946
O	5.933241	-1.004815	0.019237
O	3.182551	-4.426863	-2.441012
O	3.676598	-1.565879	-2.423493
Ti	2.934672	-0.057253	-1.730908
O	8.237420	-1.860525	0.040857

O	2.671799	-0.483765	-0.011655
O	3.649963	-1.588529	2.407771
Ti	2.920105	-0.076855	1.715895
Ti	-7.057879	1.468750	1.384692
Ti	-7.049487	1.476641	-1.368521
O	-6.164434	2.900269	2.134981
Ti	-4.353960	3.149562	1.800496
O	-4.196290	3.224169	-0.011934
O	-6.158272	2.901808	-2.134798
Ti	-4.343406	3.151045	-1.824098
O	-5.933267	1.004595	0.010305
O	-3.175068	4.443715	2.408786
O	-3.662703	1.582327	2.411316
Ti	-2.928932	0.066552	1.729589
O	-8.237542	1.860260	0.004767
O	-2.671779	0.483397	0.007272
O	-3.663044	1.573244	-2.419928
Ti	-2.926147	0.068104	-1.717661
Ti	-6.184434	-1.608409	1.706025
O	-7.161741	-0.132940	2.303955
O	-4.490991	-1.006626	-1.496402
O	-5.447282	-3.106195	-2.455742
O	-6.770690	-2.006915	0.024280
Ti	-6.180362	-1.596848	-1.656520
O	-7.151836	-0.130798	-2.277306
O	-4.495464	-1.014625	1.566902
Ti	-1.519879	-5.577871	-1.397833
O	-1.982039	-6.747621	-0.041200
Ti	-1.530887	-5.598052	1.338540
O	-1.144168	-4.431031	-0.019012
O	-2.856051	-4.711039	2.262878
O	-2.859702	-4.679715	-2.288082
O	-2.227358	-1.865409	-2.138655
Ti	-3.701250	-3.116138	-1.790729
O	-3.870985	-3.343518	0.006749
O	-2.224953	-1.886826	2.125660
Ti	-3.705388	-3.139022	1.807660
O	-5.448885	-3.138013	2.475855
O	-1.131369	0.314620	2.271830
O	-1.126426	0.331030	-2.261214
Ti	1.430540	-4.516294	-1.832596
O	1.635167	-4.477488	-0.028555
O	3.155979	-4.460752	2.403316
Ti	1.414031	-4.544877	1.773048
O	0.139064	-5.846393	2.092341
O	0.148789	-5.807788	-2.165407
O	0.526791	-3.020069	-2.355896
Ti	-0.333020	-1.507723	-1.819314
O	-0.267788	-1.538345	-0.008924
O	0.516085	-3.051855	2.318504
Ti	-0.341119	-1.532029	1.803255

32c

E = -32002.709902129001 Hartree

O	0.292105	0.054944	-1.208993
O	-2.125355	0.736495	-0.343904
Ti	1.369680	2.790854	-3.597871
O	-1.259859	2.264812	-1.770960
O	-2.985290	3.420632	-3.896471
O	-0.095931	3.906043	-3.590436
Ti	-1.662183	3.816179	-2.694788
O	0.124455	0.908177	-3.504405
O	2.643696	-0.140799	-2.543406
O	-1.152529	-1.358670	-3.282593
Ti	1.057682	-0.770361	-2.994666
O	0.345274	-3.845720	-3.984997
Ti	-1.492979	0.266806	-2.189952
O	-3.909656	-2.215272	-2.626712
Ti	-3.080843	-1.613677	-4.133329
Ti	-0.490428	-2.585385	-4.948759
O	-4.380739	-1.316296	-5.477727
Ti	-3.591516	-0.345980	-6.761795
O	-2.687344	-0.904644	-8.280811
O	-0.352472	-2.651883	-6.823209
Ti	-0.991336	-1.122220	-7.525998
O	-1.893536	-0.612851	-5.894595
O	0.231388	0.177496	-7.325593
O	-3.856633	1.395071	-6.289984
O	-2.842825	0.525011	-3.518352
Ti	-2.773629	1.885353	-4.875189
O	-2.276084	-3.059677	-4.825296
O	-1.140413	1.976907	-5.551518
O	0.903804	-1.081428	-4.846349
Ti	0.339923	0.798066	-5.537306
O	1.679991	1.958874	-5.260871
O	1.833908	-5.215360	1.521156
O	-2.515262	-4.153478	3.138556
Ti	-2.025639	-4.313243	1.353602
Ti	0.453259	-5.499978	0.332048
O	-3.320217	-4.168458	0.153211
Ti	-3.021652	-2.826707	-1.149503
O	-1.786488	-3.976950	-2.063020
O	0.658535	-5.626553	-1.493719
Ti	-0.023706	-4.047137	-2.160826
O	-1.530017	-1.622930	-0.743922
O	0.956167	-2.361842	-1.702452
O	-3.873999	-1.533853	0.138065
O	-1.606574	-2.367182	1.725377
Ti	-2.489335	-0.757145	0.837433
O	-1.094523	-5.944160	1.128714
O	-0.187914	-3.763418	0.134874
Ti	0.377730	-1.744244	0.005459
Ti	2.025876	4.312776	-1.353590
Ti	-0.452949	5.500177	-0.332230

O	3.319952	4.168354	-0.152609
Ti	3.021095	2.826951	1.150187
O	1.785753	3.977077	2.063469
O	-0.658677	5.626995	1.493468
Ti	0.022971	4.047506	2.161016
O	1.529795	1.622919	0.744439
O	-0.956338	2.362092	1.702529
O	3.873990	1.533259	-0.136907
O	1.606016	2.366883	-1.724574
Ti	2.489315	0.757259	-0.836990
O	1.094988	5.943881	-1.129125
O	0.187754	3.763597	-0.134759
Ti	-0.377465	1.744440	-0.005452
O	2.514629	4.154330	-3.139127
O	-1.832512	5.216570	-1.522567
Ti	3.080300	1.614297	4.134046
Ti	0.489599	2.585558	4.949010
O	4.381004	1.315809	5.477421
Ti	3.591489	0.346260	6.762161
O	2.687062	0.904625	8.281061
O	0.351738	2.651608	6.823476
Ti	0.991100	1.121995	7.526015
O	1.893622	0.613004	5.894703
O	-0.231188	-0.178063	7.325466
O	3.858609	-1.393967	6.288558
O	2.842809	-0.524781	3.518556
Ti	2.774142	-1.885378	4.875255
O	2.275264	3.060106	4.825812
O	1.140883	-1.976839	5.551141
O	-0.904128	1.081291	4.846440
Ti	-0.339762	-0.798413	5.537114
O	-1.680362	-1.958387	5.260001
Ti	1.492449	-0.266944	2.190851
O	3.909209	2.216064	2.627439
O	-0.124205	-0.907915	3.504381
O	-2.643930	0.140866	2.543722
O	1.152226	1.358807	3.283152
Ti	-1.057978	0.770730	2.994638
O	-0.346214	3.845818	3.985180
O	1.259743	-2.264865	1.771371
O	2.987288	-3.419106	3.894342
O	0.096779	-3.906559	3.590743
Ti	1.662770	-3.816270	2.694890
Ti	-1.369201	-2.791979	3.598108
O	-0.292617	-0.054779	1.209230
O	2.124812	-0.736502	0.344152

36a

E = -36003.153315334981 Hartree

O	6.396245	1.575826	1.474994
Ti	6.434222	0.111975	2.563713
O	8.044001	0.138138	3.469171

O	6.426743	1.543097	-1.411577
Ti	6.400974	2.667328	0.020429
O	9.463244	1.565512	1.371877
O	7.997180	3.617274	0.025080
O	13.564177	1.875445	-1.570442
Ti	12.707610	0.217936	-1.802084
Ti	9.611812	0.204792	-2.498741
O	13.455143	-1.325649	-1.495618
O	13.417174	-1.349923	1.506309
O	9.591379	-1.170717	-1.351287
Ti	13.179858	-2.590059	-0.008594
Ti	9.710525	-2.398363	0.014245
O	11.381708	0.209308	-3.050159
O	8.043106	0.135490	-3.454631
O	11.320562	-3.137356	-0.046503
O	14.220363	-3.838711	-0.007299
O	8.093447	-3.320588	-0.014369
Ti	9.612094	0.151802	2.510014
Ti	12.710105	0.214401	1.810685
O	11.381353	0.268539	3.054068
O	9.643063	-1.331590	1.507694
O	9.518620	1.729129	-1.507633
Ti	9.593979	2.727090	-0.005752
O	11.997050	0.646594	0.005746
O	13.593044	1.856120	1.570280
Ti	12.834398	2.408148	0.010568
O	11.334726	3.439910	0.047847
Ti	6.434672	0.112612	-2.548330
O	6.477200	-1.308094	1.430942
O	4.827138	0.065185	3.448668
O	6.450715	-1.339868	-1.460956
Ti	6.492955	-2.442045	-0.004846
O	3.243457	-1.384161	1.436527
O	4.891308	-3.352821	0.007750
Ti	3.218766	0.057391	-2.546588
O	3.196145	1.492308	-1.426934
Ti	3.178317	2.603773	0.012343
O	4.828117	0.102370	-3.435668
O	4.778656	3.519197	0.004448
Ti	3.218502	0.048756	2.555780
O	3.198211	1.502117	1.459237
O	3.246574	-1.393082	-1.449853
Ti	3.267731	-2.498331	-0.002872
O	1.607560	0.015125	3.437286
O	1.668208	-3.410936	-0.002856
O	1.610462	0.035759	-3.435230
O	1.552825	3.457783	0.007609
O	0.015284	-1.447535	1.433920
Ti	-0.002371	-0.000940	-2.552712
O	-0.032142	1.436851	-1.437648
Ti	-0.046853	2.545849	0.005139
Ti	-0.003078	-0.010165	2.548969

O	-0.032015	1.439311	1.449640
O	0.018267	-1.450293	-1.453183
Ti	0.041706	-2.557487	-0.008620
O	-1.611546	-0.043270	3.436670
O	-3.199795	-1.509253	1.434648
O	-1.555622	-3.472015	-0.010201
Ti	-3.219136	-0.055235	-2.555894
O	-3.248248	1.383635	-1.445128
Ti	-3.267672	2.489638	0.001241
O	-1.610018	-0.024618	-3.443689
O	-1.670162	3.404487	0.002473
Ti	-3.219489	-0.067599	2.546121
O	-3.246756	1.376760	1.442438
O	-3.197070	-1.502397	-1.451359
Ti	-3.179567	-2.612480	-0.011004
O	-6.467121	1.309728	1.438536
Ti	-6.433375	-0.125461	2.550921
O	-4.826624	-0.096604	3.438051
O	-6.460395	1.331862	-1.454682
Ti	-6.490388	2.438520	-0.000363
O	-4.888234	3.347928	0.005622
O	-4.826666	-0.082912	-3.447826
O	-4.780542	-3.525385	-0.016981
Ti	-6.434213	-0.106285	-2.561735
O	-6.407233	-1.574566	1.441036
O	-8.040522	-0.150507	3.459347
O	-6.416274	-1.552502	-1.446339
Ti	-6.402268	-2.671056	-0.010485
O	-9.479654	-1.619686	1.403316
O	-7.999892	-3.618169	-0.012970
O	-13.574770	-1.848407	-1.579829
Ti	-12.706144	-0.197131	-1.808609
Ti	-9.611652	-0.173926	-2.512469
O	-13.439525	1.352451	-1.496589
O	-13.422752	1.350605	1.505789
O	-9.603555	1.231576	-1.402721
Ti	-13.174266	2.603617	0.003814
Ti	-9.705885	2.405602	0.008468
O	-11.382731	-0.206134	-3.059457
O	-8.042276	-0.123245	-3.468895
O	-11.314381	3.149712	-0.011549
O	-14.213875	3.852906	0.010517
O	-8.086473	3.323878	0.000870
Ti	-9.610070	-0.174169	2.502540
Ti	-12.706501	-0.210251	1.804154
O	-11.379584	-0.254330	3.050260
O	-9.623087	1.280838	1.458985
O	-9.502964	-1.669471	-1.480086
Ti	-9.596177	-2.725696	-0.019235
O	-11.994540	-0.635571	-0.003405
O	-13.583924	-1.854381	1.560229
Ti	-12.835741	-2.395622	-0.008646

O	-11.339694	-3.433442	-0.000047
36b			
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O	-7.100680	4.106985	2.221850
Ti	-5.582165	4.905515	-1.316713
O	-5.825809	6.106752	0.078561
Ti	-5.602849	4.849753	1.427867
O	-5.312637	3.703687	0.033876
O	-4.008268	4.695023	2.333143
O	-3.970478	4.789494	-2.196344
Ti	-2.458902	3.844636	-1.740568
O	-2.449729	4.024418	0.068787
Ti	-2.489625	3.767745	1.869672
O	-1.027524	4.650185	2.563219
O	-0.590369	2.368309	1.480739
O	-0.573854	2.433360	-1.386195
O	-0.987874	4.762561	-2.367686
O	0.763910	4.511329	0.108267
Ti	0.451829	3.892201	-1.581202
Ti	0.427356	3.816940	1.762425
Ti	-8.815478	-0.447982	-1.450377
Ti	-8.832043	-0.504891	1.317821
O	-8.743931	1.204786	-2.271547
Ti	-7.412448	2.406647	-1.795356
O	-7.629074	2.407278	-0.001392
O	-8.772305	1.113463	2.205164
Ti	-7.436155	2.335352	1.793649
O	-7.617505	-0.304770	-0.055896
O	-7.066977	4.190787	-2.159335
O	-5.863954	1.625835	-2.370208
Ti	-4.405812	0.736648	-1.755046
O	-10.039440	-0.746380	-0.079139
O	-4.315314	1.093933	-0.002257
O	-5.895465	1.534252	2.358737
Ti	-4.430072	0.663416	1.731560
Ti	-6.347190	-2.397474	-1.744623
O	-8.003942	-1.810406	-2.380540
O	-5.265409	-1.036616	1.473923
O	-4.963157	-3.378719	2.330648
O	-6.603162	-3.143250	-0.103441
Ti	-6.368005	-2.468449	1.570721
O	-8.030990	-1.900600	2.206982
O	-5.241117	-0.974639	-1.574783
O	-2.018024	-3.275453	-2.526763
O	-2.046023	-3.383808	2.358798
O	-2.915600	-0.583291	2.215838
Ti	-3.467081	-2.409165	1.750743
O	-3.312119	-2.553288	-0.072633
O	-2.887019	-0.487320	-2.274834
Ti	-3.447073	-2.330186	-1.889739
O	-4.935210	-3.277051	-2.525578

O	-2.931422	2.008202	-2.211802
O	-2.959976	1.913686	2.259334
O	-0.016726	-0.059990	2.604615
Ti	-1.443437	0.678051	1.744568
O	-1.418431	0.188336	-0.006572
O	0.018758	0.057096	-2.606629
Ti	-1.421713	0.753853	-1.733973
O	2.011119	3.269202	2.534224
O	2.046553	3.380152	-2.352032
Ti	3.466662	2.405985	-1.740083
O	3.305426	2.545328	0.083031
Ti	3.439699	2.322865	1.900588
O	4.926488	3.267544	2.540501
O	5.243763	0.968609	1.578608
O	5.261029	1.039751	-1.462383
O	4.961014	3.382823	-2.314636
O	6.597437	3.148707	0.117974
Ti	6.364720	2.472261	-1.555959
O	8.032059	1.920386	-2.196377
Ti	6.341934	2.395380	1.756238
O	8.001306	1.811924	2.386886
Ti	8.814102	0.453405	1.451902
Ti	8.834643	0.520319	-1.315656
O	7.618088	0.316761	0.054174
O	8.742962	-1.200582	2.269586
O	10.040132	0.758608	0.083839
Ti	1.445337	-0.682498	-1.745788
O	1.427750	-0.198428	0.007321
Ti	1.423223	-0.763020	1.734083
Ti	-0.431032	-3.821461	-1.761078
O	0.570884	-2.439423	1.389163
O	0.992198	-4.770929	2.364276
O	-0.764620	-4.515415	-0.105212
Ti	-0.452298	-3.899183	1.584535
O	0.587539	-2.371966	-1.485874
Ti	5.586840	-4.905917	1.295833
O	5.836201	-6.100779	-0.104167
Ti	5.605401	-4.840940	-1.448220
O	5.309935	-3.701189	-0.050831
O	4.006409	-4.692757	-2.347574
O	3.976718	-4.799123	2.179503
O	2.932897	-2.017930	2.206091
Ti	2.462601	-3.853901	1.733953
O	2.447591	-4.028488	-0.076193
O	2.960264	-1.913847	-2.256755
Ti	2.486268	-3.770747	-1.876152
O	1.022969	-4.654684	-2.566109
O	2.915691	0.582648	-2.213361
O	2.889392	0.478101	2.282853
Ti	7.413212	-2.405406	1.793835
O	7.619782	-2.395698	-0.000319
O	8.774287	-1.098383	-2.202503

Ti	7.436299	-2.320171	-1.797374
O	7.102417	-4.088817	-2.236375
O	7.071123	-4.193904	2.142386
O	5.864796	-1.631956	2.377549
Ti	4.409053	-0.741220	1.757091
O	4.325834	-1.098111	0.004378
O	5.896268	-1.520865	-2.367453
Ti	4.430493	-0.660969	-1.728087

36c

E = -36003.0255840 Hartree

Ti	-6.217543	-3.853362	-1.374713
Ti	-6.361942	-3.011698	1.739849
O	-8.018789	-3.544003	-1.744553
Ti	-8.274076	-1.913348	-0.957129
O	-9.671593	-1.999163	0.294950
O	-7.896247	-2.953244	2.779182
Ti	-8.831000	-1.634418	1.868032
O	-7.260334	-1.588168	0.783156
O	-8.845765	0.086259	2.440190
O	-8.527979	-0.507957	-2.020920
O	-5.918863	-2.074934	-1.395569
Ti	-7.509969	1.071504	-1.761790
O	-4.723690	-4.440671	-2.254699
O	-4.732120	-2.618150	2.363423
O	-6.273093	-4.258788	0.430446
Ti	-4.607658	-0.559941	-1.526436
Ti	-4.399073	0.775216	1.743121
O	-5.820119	0.532088	-2.249461
O	-7.493949	1.202003	0.075346
O	-5.934968	0.559179	2.650839
Ti	-7.494667	1.267929	1.892701
O	-2.972331	3.658890	-0.384884
Ti	-3.176533	3.727224	1.403780
O	-4.972163	2.401460	0.917185
O	-4.624012	4.751825	1.905230
O	-7.438196	3.043259	2.188710
O	-7.677275	2.629636	-2.532156
O	-6.454197	4.439258	-0.457630
Ti	-6.076809	3.884260	1.161749
O	-4.517330	3.334660	-2.719471
O	-3.122605	0.714483	-1.874687
Ti	-6.326309	4.048439	-2.361394
Ti	-3.100316	2.688543	-1.927241
O	-6.682362	5.340075	-3.281190
O	-1.386264	2.920938	-2.603870
O	-3.061173	-1.732137	-2.062189
O	-4.563686	-0.351494	0.262453
O	-1.240012	1.150586	-0.228636
Ti	-3.178449	-3.595843	-1.675478
O	-3.316366	-3.385561	0.088630
Ti	-3.046070	-2.236582	1.583260

O	-1.618872	-4.379368	-2.150776
O	-1.623617	-2.883976	2.430517
Ti	-1.419177	0.573244	1.538515
O	-2.969378	-0.418295	2.332291
O	-1.642309	-1.191512	0.366009
Ti	-1.565146	-0.438156	-1.396924
O	-1.589732	4.415182	2.033358
O	0.067428	3.668860	-0.247221
O	0.060720	-0.466032	2.251548
O	-2.759754	1.934150	2.025731
Ti	0.014756	3.708123	1.533187
O	0.129944	1.877712	1.898217
Ti	0.013127	2.399553	-1.595300
Ti	-0.015414	-3.706948	-1.540224
Ti	-0.012817	-2.399137	1.588509
O	-0.129510	-1.876718	-1.903789
O	1.590215	-4.413118	-2.038294
O	1.384956	-2.921295	2.598944
O	-0.067597	-3.668009	0.240305
Ti	1.419946	-0.572363	-1.543829
Ti	1.565131	0.439146	1.391677
O	-0.060387	0.466475	-2.257084
O	3.314947	3.386097	-0.092707
Ti	3.176532	3.596215	1.671235
O	1.642277	1.192371	-0.371897
O	1.617057	4.380825	2.145209
O	1.624265	2.884140	-2.436674
O	2.971736	0.418817	-2.336109
Ti	3.045841	2.237040	-1.587546
O	4.734294	2.617353	-2.363248
O	2.761374	-1.933162	-2.028673
O	1.240961	-1.149834	0.223084
O	4.562247	0.352026	-0.262569
O	7.439573	-3.043622	-2.183945
Ti	6.076624	-3.885008	-1.159594
Ti	3.176874	-3.726369	-1.406205
O	6.453354	-4.438309	0.460928
O	7.675981	-2.630719	2.538438
O	2.972585	-3.658622	0.382359
Ti	6.326021	-4.049625	2.364674
Ti	3.100170	-2.688699	1.925366
O	4.624423	-4.752706	-1.904360
O	4.515709	-3.336406	2.719562
O	6.683782	-5.342115	3.281653
Ti	4.606986	0.559963	1.526208
O	3.120946	-0.714164	1.873935
O	4.972383	-2.401061	-0.918204
Ti	4.400529	-0.774241	-1.744094
O	5.938717	-0.557098	-2.647782
O	4.720598	4.441303	2.253028
O	6.273755	4.257410	-0.427876
O	8.848936	-0.087935	-2.432058

Ti	7.496076	-1.268446	-1.887018
O	7.494317	-1.202502	-0.069795
O	8.525397	0.508367	2.028589
Ti	7.508845	-1.072190	1.767387
O	5.817451	-0.532969	2.250649
O	3.059600	1.732541	2.058734
Ti	6.216717	3.854109	1.377357
Ti	8.272545	1.913448	0.964668
O	8.017067	3.544769	1.750940
O	5.918079	2.075074	1.398544
O	7.261174	1.586726	-0.777555
Ti	6.363304	3.009169	-1.736736
O	9.671405	1.999068	-0.286345
Ti	8.833044	1.633005	-1.860151
O	7.898702	2.950620	-2.773991

40a

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Ti	1.411205	-5.047468	1.801948
O	1.187609	-4.914689	0.002428
O	-0.303047	-5.422605	-2.391840
Ti	1.411752	-5.051083	-1.797176
O	2.969281	-6.012499	-2.076436
O	2.965736	-6.010431	2.085299
O	1.979304	-3.420132	2.414402
Ti	2.431438	-1.765344	1.816639
O	2.372868	-1.809941	0.008569
O	1.980502	-3.421503	-2.397932
Ti	2.436207	-1.768324	-1.799715
O	2.758877	0.198473	-2.336505
O	2.757407	0.195656	2.359255
Ti	4.549683	-5.366803	1.368803
O	5.265488	-6.386426	0.003838
Ti	4.551382	-5.363523	-1.360718
O	3.930899	-4.315413	0.005026
O	5.661589	-4.186662	-2.256962
O	5.659249	-4.188745	2.263287
O	4.371087	-1.624422	2.112036
Ti	6.099957	-2.456714	1.799685
O	6.328284	-2.581863	-0.000421
O	4.364220	-1.629665	-2.094225
Ti	6.106855	-2.452564	-1.797965
O	7.803922	-2.001404	-2.454094
O	6.337467	-0.172727	-1.592117
O	6.339439	-0.161589	1.556120
O	7.785582	-1.993246	2.466055
O	8.780809	-0.555082	-0.000930
Ti	8.120605	-0.330940	1.687258
O	8.658152	1.359054	2.270777
Ti	8.125188	-0.331355	-1.690943
O	8.660680	1.354712	-2.289283
Ti	8.094293	2.875298	-1.388452

Ti	8.092756	2.872649	1.360733
O	6.848869	4.028404	-2.117474
Ti	5.029705	3.811112	-1.799293
O	4.831810	3.819528	0.008192
O	6.854677	4.022336	2.104977
Ti	5.030807	3.807000	1.814635
O	7.138635	2.126428	-0.015917
O	3.579337	4.820982	-2.359174
O	4.792771	2.109218	-2.396440
Ti	4.547832	0.433075	-1.720855
O	9.132114	3.562767	-0.013274
O	4.178722	0.730714	0.009332
O	4.801669	2.105363	2.417250
Ti	4.549503	0.430042	1.739872
O	0.702151	-0.998480	2.128221
O	0.706712	-0.997326	-2.129472
Ti	1.832817	4.522240	-1.811977
O	1.825950	4.586484	0.011336
O	3.582867	4.816217	2.380303
Ti	1.833857	4.521426	1.833420
O	0.308820	5.419685	-2.381495
O	1.517203	2.792359	-2.258075
Ti	1.131887	1.071489	-1.789926
O	1.235713	1.121559	0.007800
O	1.519159	2.791249	2.280045
Ti	1.129938	1.072589	1.806961
Ti	-1.833338	-4.525339	1.809956
O	-1.826328	-4.591600	-0.013565
O	-3.586177	-4.816906	-2.384899
Ti	-1.834628	-4.523718	-1.835478
O	-0.307687	-5.422569	2.380781
O	-1.520112	-2.794283	2.252606
Ti	-1.132698	-1.072620	1.786304
O	-1.238931	-1.116851	-0.012338
O	-1.519364	-2.793017	-2.280681
Ti	-1.131411	-1.072547	-1.811562
O	-0.703640	0.997542	-2.133470
O	-0.706889	0.997047	2.127266
Ti	-8.094227	-2.873564	1.388363
Ti	-8.095567	-2.868914	-1.361232
O	-6.851122	-4.029439	2.120158
Ti	-5.031378	-3.813622	1.799891
O	-4.838610	-3.831990	-0.007900
O	-6.860315	-4.020780	-2.109328
Ti	-5.034903	-3.807433	-1.814934
O	-7.138892	-2.125173	0.015321
O	-3.580448	-4.825439	2.360603
O	-4.794167	-2.110908	2.395358
Ti	-4.547357	-0.433642	1.724240
O	-9.134606	-3.558482	0.014255
O	-4.179470	-0.729118	-0.007301
O	-4.805652	-2.104320	-2.411611

Ti	-4.550710	-0.429232	-1.737186
Ti	-8.123658	0.334087	1.691575
O	-8.657216	-1.352003	2.290479
O	-6.340461	0.166482	-1.552408
O	-7.786162	1.997845	-2.463828
O	-8.782383	0.558631	0.002585
Ti	-8.122165	0.336029	-1.686118
O	-8.659325	-1.353977	-2.270142
O	-6.335565	0.176152	1.588505
Ti	-4.546600	5.365493	-1.366202
O	-5.262030	6.382872	-0.000429
Ti	-4.546729	5.360169	1.363480
O	-3.924170	4.314398	-0.003580
O	-5.655364	4.184216	2.258730
O	-5.655739	4.188584	-2.260795
O	-4.371933	1.624571	-2.115156
Ti	-6.099230	2.458030	-1.798770
O	-6.324563	2.586704	0.001710
O	-4.362917	1.628975	2.100399
Ti	-6.103719	2.451771	1.799223
O	-7.800940	2.002369	2.455660
O	-2.757786	-0.200243	2.337561
O	-2.760276	-0.196963	-2.361510
Ti	-1.409470	5.050803	-1.801551
O	-1.182550	4.924098	-0.002750
O	0.304978	5.418832	2.390419
Ti	-1.408856	5.053088	1.796677
O	-2.966599	6.009684	2.079248
O	-2.964702	6.010661	-2.083826
O	-1.979353	3.421093	-2.406617
Ti	-2.433428	1.764364	-1.818196
O	-2.382202	1.798566	-0.010533
O	-1.976358	3.420823	2.389982
Ti	-2.436345	1.766753	1.798062

40b

E = -40003.536524011128 Hartree

O	-0.012662	-0.011752	3.424440
O	-1.588467	-1.475044	1.416682
O	0.060285	-3.438513	-0.022297
Ti	-1.601613	-0.024547	-2.569984
O	-1.628591	1.414083	-1.456823
Ti	-1.655881	2.521432	-0.012957
O	0.013329	0.004940	-3.448079
O	-0.057692	3.432634	-0.005005
Ti	-1.618498	-0.036524	2.530952
O	-1.637992	1.409304	1.427312
O	-1.577723	-1.471338	-1.466614
Ti	-1.566485	-2.582529	-0.026550
O	-3.230970	-0.067456	3.413572
O	-4.814947	-1.537723	1.415227
O	-3.166850	-3.492697	-0.033483

Ti	-4.825579	-0.078002	-2.578448
O	-4.856941	1.363300	-1.471375
Ti	-4.881718	2.465512	-0.022097
O	-3.211990	-0.050238	-3.459169
O	-3.282734	3.377032	-0.015907
Ti	-4.838243	-0.092968	2.522843
O	-4.860243	1.347565	1.414877
O	-4.803619	-1.521532	-1.469574
Ti	-4.792878	-2.636222	-0.033486
O	-8.094373	1.277971	1.404701
Ti	-8.056724	-0.151873	2.523805
O	-6.449216	-0.117045	3.409717
O	-8.076057	1.311964	-1.486927
Ti	-8.110619	2.413125	-0.029127
O	-6.505980	3.319271	-0.015685
O	-6.435800	-0.111226	-3.467783
O	-6.396264	-3.546454	-0.046385
Ti	-8.047995	-0.129909	-2.587950
O	-8.025903	-1.605322	1.420155
O	-9.665480	-0.176804	3.429933
O	-8.036623	-1.571174	-1.466116
Ti	-8.020442	-2.695596	-0.035135
O	-11.103207	-1.634649	1.365537
O	-9.619966	-3.640511	-0.038812
O	-15.194102	-1.874690	-1.615481
Ti	-14.325966	-0.222904	-1.841749
Ti	-11.230553	-0.202950	-2.541139
O	-15.062338	1.325648	-1.529552
O	-15.047712	1.322990	1.472979
O	-11.226925	1.194729	-1.421663
Ti	-14.798600	2.575583	-0.028485
Ti	-11.329921	2.378398	-0.017997
O	-13.001124	-0.229627	-3.091402
O	-9.657747	-0.148172	-3.493337
O	-12.938182	3.122601	-0.044655
O	-15.837168	3.825905	-0.020820
O	-9.709045	3.295173	-0.029724
Ti	-11.236273	-0.196711	2.473881
Ti	-14.332192	-0.238471	1.771428
O	-13.006773	-0.285009	3.019064
O	-11.254038	1.265683	1.441719
O	-11.128685	-1.706038	-1.519686
Ti	-11.217706	-2.749916	-0.050286
O	-13.618210	-0.661941	-0.035434
O	-15.208328	-1.882973	1.525891
Ti	-14.457745	-2.421958	-0.042628
O	-12.960843	-3.458778	-0.027108
O	7.995088	1.612075	1.507673
Ti	8.033257	0.140423	2.585774
O	9.637084	0.165032	3.501035
O	8.044658	1.559907	-1.380594
Ti	8.012555	2.692475	0.045545

O	9.611085	3.639613	0.056884
O	9.674335	0.164763	-3.422091
O	9.707437	-3.296484	0.016805
Ti	8.059841	0.135711	-2.526339
O	8.087320	-1.273295	1.444443
O	6.421663	0.087047	3.463238
O	8.072611	-1.325670	-1.451218
Ti	8.107988	-2.415702	0.014218
O	4.852111	-1.356208	1.443268
O	6.506615	-3.326426	0.024816
Ti	4.844016	0.085848	-2.539191
O	4.815472	1.520795	-1.419874
Ti	4.792133	2.631225	0.018849
O	6.456234	0.132047	-3.421143
O	6.391441	3.546578	0.014448
Ti	4.819500	0.075426	2.561972
O	4.808157	1.527935	1.463869
O	4.876229	-1.362509	-1.441515
Ti	4.884748	-2.470226	0.003884
O	3.206106	0.044395	3.441389
O	1.636665	-1.423106	1.434337
O	3.286467	-3.383053	-0.005901
Ti	1.622644	0.031187	-2.556479
O	1.597513	1.472416	-1.446285
Ti	1.569579	2.576075	-0.000359
O	3.237647	0.062011	-3.433908
O	3.166960	3.488860	0.010353
Ti	1.602139	0.017143	2.545115
O	1.586919	1.461021	1.437286
O	1.650082	-1.412054	-1.449323
Ti	1.660254	-2.527875	-0.011500
O	11.068366	1.580529	1.404342
O	15.185342	1.900634	-1.511581
Ti	14.330947	0.242608	-1.745877
Ti	11.238336	0.232431	-2.456918
O	15.076554	-1.301565	-1.434546
O	15.019475	-1.324812	1.568171
O	11.209906	-1.137605	-1.302828
Ti	14.791049	-2.564124	0.051993
Ti	11.323076	-2.372863	0.057635
O	13.010581	0.232565	-3.000329
O	12.932726	-3.112322	0.001444
O	15.827678	-3.816009	0.061211
Ti	11.211323	0.173376	2.551406
Ti	14.312217	0.240651	1.866974
O	12.977873	0.296559	3.104084
O	11.250227	-1.314279	1.556928
O	11.144538	1.761766	-1.474042
Ti	11.208171	2.749965	0.033856
O	13.611515	0.671373	0.057212
O	15.199696	1.880734	1.629810
Ti	14.448838	2.433295	0.066951

O 12.948596 3.464098 0.101032

40c

E = -40003.4234628 Hartree

Ti	4.827100	-4.031136	1.577797
Ti	-6.372655	-3.930736	1.294154
Ti	-5.833335	-2.354050	-1.628100
O	-8.155048	-3.320608	1.553934
Ti	-8.654791	-1.698872	0.904924
O	-9.781458	-1.686396	-0.565344
O	-7.380206	-2.309862	-2.707973
Ti	-8.524426	-1.208350	-1.847800
O	-7.329219	-1.251395	-0.385322
O	-8.326890	0.509525	-2.465696
O	-8.488677	-0.173692	1.903535
O	-5.504286	-2.553676	2.040763
Ti	-7.044754	0.999539	1.631212
O	-5.069020	-5.178200	1.747633
O	-4.421723	-2.924257	-2.595237
O	-6.177686	-3.757287	-0.489360
Ti	-4.325651	-1.271627	1.475631
Ti	-3.766233	0.153043	-1.514818
O	-5.554181	0.030243	1.871078
O	-7.071649	1.572518	-0.118858
O	-5.530093	-0.046464	-2.096922
Ti	-6.789937	1.342123	-1.871323
O	-3.672802	0.788222	0.181063
O	-6.063860	2.930591	-2.433681
O	-6.610998	2.545773	2.491205
O	-4.976412	3.687043	0.176975
O	-3.559604	2.316568	2.426919
O	-2.680027	-0.543589	2.263347
Ti	-5.011832	3.409244	2.029381
Ti	-2.435287	1.279753	1.508272
O	-4.560453	4.936738	2.751142
O	-0.590515	1.737296	2.253318
O	-2.828621	-2.943568	1.831688
O	-4.293342	-1.664445	-0.359719
Ti	-0.217777	-5.346563	1.471784
Ti	-3.338141	-4.694676	1.322772
O	-3.221339	-4.414540	-0.443616
Ti	-2.822238	-3.026273	-1.608760
O	-1.957481	-5.765073	1.873357
O	-1.172017	-2.395647	-0.279616
O	0.023411	-3.559194	2.057616
Ti	-1.297124	-1.821037	1.484375
O	0.460411	-1.133826	2.067417
O	-1.449762	-3.728478	-2.506855
Ti	-0.600905	-0.649751	-1.359607
O	-2.355353	-0.981526	-2.046603
O	-1.122471	-0.044039	0.467545
O	4.749293	-5.822113	1.796681

Ti	2.909307	-6.090757	1.289423
O	2.883875	-6.234149	-0.429967
O	-0.069654	-5.036016	-0.264938
Ti	2.858167	-5.834526	-2.360819
Ti	0.210629	-3.723552	-1.602866
O	1.219944	-6.405894	1.975681
O	1.377080	-4.584992	-2.560318
O	2.665339	-7.204037	-3.217187
O	1.648843	-2.688879	-0.191477
O	2.874533	-4.217973	1.738094
Ti	1.694846	-2.681368	1.594538
O	3.144608	-1.695602	2.257815
Ti	-4.823270	4.033095	-1.569428
O	5.067415	5.176953	-1.757537
O	2.677552	0.542899	-2.262179
O	0.591746	-1.736464	-2.247997
O	2.827284	2.944960	-1.832258
Ti	0.215669	5.350983	-1.462105
Ti	3.337236	4.696407	-1.324523
O	1.954821	5.768266	-1.867982
O	1.172452	2.398901	0.282432
O	-0.025991	3.564783	-2.050275
Ti	1.296554	1.823278	-1.481366
O	-0.459670	1.138315	-2.062311
O	-4.749200	5.825273	-1.779650
Ti	-2.910115	6.096514	-1.269781
O	-2.887189	6.235198	0.450458
O	0.069354	5.038964	0.274796
Ti	-2.863552	5.825856	2.379458
Ti	-0.209365	3.724647	1.610257
O	-1.221952	6.415228	-1.956880
O	-1.377620	4.580584	2.570837
O	-2.674502	7.190019	3.244884
O	-1.649935	2.690096	0.199146
O	-2.870489	4.225517	-1.725524
Ti	-1.696200	2.684979	-1.586873
O	-3.146556	1.703375	-2.251701
Ti	6.370680	3.927357	-1.308923
Ti	5.838036	2.354514	1.616969
O	8.151760	3.315997	-1.575643
Ti	8.652945	1.694399	-0.927013
O	9.784425	1.683302	0.539054
O	7.390091	2.311880	2.689706
Ti	8.530957	1.209080	1.826917
O	7.331066	1.249835	0.368586
O	8.334622	-0.507008	2.450071
O	8.481867	0.166758	-1.921646
O	5.500909	2.550733	-2.054725
Ti	7.038525	-1.004672	-1.640045
O	4.429454	2.925607	2.588168
O	6.180064	3.755934	0.475129
Ti	4.323887	1.271832	-1.481279

Ti	3.768865	-0.150497	1.516079
O	5.548024	-0.034554	-1.876983
O	7.070769	-1.574690	0.111164
O	5.535710	0.049406	2.090920
Ti	6.794623	-1.339480	1.863763
O	3.673310	-0.790469	-0.177388
O	6.069093	-2.925278	2.434921
O	6.603021	-2.554135	-2.493680
O	4.976812	-3.691594	-0.169947
O	3.556111	-2.323222	-2.420239
Ti	5.006965	-3.417726	-2.023295
Ti	2.435633	-1.280406	-1.503317
O	4.554352	-4.947746	-2.739294
O	4.295082	1.664503	0.353872
O	3.223477	4.416205	0.442033
Ti	2.825065	3.028418	1.608616
O	1.454183	3.730034	2.509942
Ti	0.603036	0.652447	1.364107
O	2.358782	0.986107	2.047412
O	1.123877	0.046429	-0.463374

48a

E = -48004.2908769 Hartree

Ti	-6.618716	3.710478	-1.800281
O	-6.772900	3.550087	0.002788
O	-8.040635	2.702627	2.431385
Ti	-6.614000	3.709998	1.804586
O	-6.255578	5.493318	2.128309
O	-6.256656	5.490227	-2.136464
O	-5.042783	2.944488	-2.322021
Ti	-3.487583	2.144724	-1.806919
O	-3.551642	2.111595	0.001951
O	-5.032672	2.949805	2.322688
Ti	-3.483693	2.140923	1.808774
O	-1.801912	1.022785	2.146004
O	-1.806499	1.025156	-2.152285
Ti	-4.734706	6.215970	-1.375345
O	-4.991989	7.437418	-0.007149
Ti	-4.736150	6.219164	1.361690
O	-4.427331	5.039925	-0.003867
O	-3.134110	6.188988	2.272709
O	-3.131262	6.182962	-2.279373
O	-2.088715	3.486055	-2.141324
Ti	-1.549498	5.360268	-1.792542
O	-1.588964	5.628680	0.000536
O	-2.074917	3.487183	2.142321
Ti	-1.560465	5.358156	1.797163
O	-0.118374	6.325053	2.456827
O	0.305871	4.060316	1.448837
O	0.276289	4.077600	-1.492999
O	-0.112614	6.355392	-2.440774
O	1.672744	6.116187	0.000012

Ti	1.360167	5.502174	-1.690077
Ti	1.359444	5.492048	1.688974
Ti	-0.443149	2.305112	1.722332
O	-0.310323	1.810303	-0.004313
Ti	-0.447058	2.305369	-1.727210
Ti	-9.753252	-1.885084	-1.372492
Ti	-9.750021	-1.895584	1.383038
O	-9.753473	-0.200017	-2.131210
Ti	-8.361651	0.984988	-1.807561
O	-8.311611	1.146845	0.004106
O	-9.740798	-0.214141	2.150496
Ti	-8.360179	0.982979	1.814903
O	-8.554090	-1.687139	0.004499
O	-8.048588	2.704869	-2.421672
O	-6.923766	0.034827	-2.392345
Ti	-5.488674	-0.856307	-1.726719
O	-10.961578	-2.190728	0.005834
O	-5.471784	-0.382348	0.001387
O	-6.915271	0.042503	2.394424
Ti	-5.486692	-0.856911	1.728635
Ti	-7.352891	-4.000797	-1.678448
O	-8.972774	-3.286887	-2.287328
O	-6.248384	-2.593588	1.578121
O	-5.914038	-4.923261	2.405183
O	-7.622845	-4.656096	-0.001371
Ti	-7.351841	-4.010146	1.680479
O	-8.977938	-3.308430	2.286291
O	-6.239816	-2.593308	-1.546327
O	-2.968295	-4.916497	-2.412939
O	-2.967633	-4.926209	2.410245
O	-3.874204	-2.107976	2.167697
Ti	-4.411382	-3.964277	1.815388
O	-4.278270	-4.121446	-0.002137
O	-3.875844	-2.104194	-2.182635
Ti	-4.414100	-3.954435	-1.820541
O	-5.920156	-4.903051	-2.425135
O	-4.086096	0.346930	-2.269549
O	-4.081713	0.344865	2.270146
O	-1.020524	-1.622180	2.552304
Ti	-2.464464	-0.782865	1.819632
O	-2.405469	-0.914098	-0.003512
O	-1.018286	-1.616400	-2.557092
Ti	-2.465447	-0.779157	-1.825077
O	1.021479	1.620315	-2.552691
Ti	2.466592	0.782348	-1.820605
O	2.423855	0.912031	0.002791
O	1.018131	1.615643	2.556178
Ti	2.464579	0.776691	1.825277
O	4.084268	-0.349918	2.266941
O	4.084398	-0.343910	-2.269736
O	2.966939	4.914607	2.415468
O	2.969003	4.920437	-2.408753

O	3.878176	2.109542	-2.168815
Ti	4.416027	3.965756	-1.809646
O	4.277003	4.123809	0.007541
O	3.875028	2.102333	2.186497
Ti	4.414824	3.954075	1.825541
O	5.919620	4.902344	2.431803
O	6.237646	2.592918	1.548301
O	6.247884	2.596776	-1.556513
O	5.917921	4.922254	-2.402720
O	7.624136	4.658038	0.007574
Ti	7.354141	4.010143	-1.673653
O	8.978957	3.306877	-2.279831
Ti	7.351119	3.999714	1.683377
O	8.970044	3.286991	2.295057
Ti	9.752484	1.885991	1.380664
Ti	9.752352	1.895841	-1.374815
O	9.750494	0.200583	2.138136
Ti	8.358696	-0.983064	1.809605
O	8.310053	-1.141966	-0.002135
O	9.744466	0.215417	-2.144174
Ti	8.360255	-0.978556	-1.812624
O	8.555104	1.688049	0.002399
O	8.043129	-2.704111	2.420371
O	6.920526	-0.034889	2.397106
Ti	5.485745	0.855021	1.728405
O	10.962474	2.191566	0.003638
O	5.477028	0.379249	0.000332
O	6.918229	-0.034405	-2.394295
Ti	5.487433	0.859975	-1.725172
Ti	0.443952	-2.306384	-1.724661
O	0.319156	-1.813189	0.002041
Ti	0.445576	-2.311505	1.725223
Ti	-1.357858	-5.494659	-1.692256
O	-0.284990	-4.079894	1.481469
O	0.114188	-6.357291	2.434171
O	-1.671511	-6.124501	-0.005497
Ti	-1.361341	-5.509431	1.684552
O	-0.305735	-4.061620	-1.451944
Ti	4.734992	-6.217264	1.368983
O	4.993285	-7.438524	0.000811
Ti	4.738197	-6.219693	-1.367392
O	4.426207	-5.041734	-0.001922
O	3.136963	-6.188084	-2.280984
O	3.131195	-6.184450	2.273257
O	2.083881	-3.489262	2.137276
Ti	1.549815	-5.361835	1.784946
O	1.596972	-5.625197	-0.008266
O	2.075190	-3.486459	-2.149135
Ti	1.563182	-5.356791	-1.805651
O	0.120403	-6.324770	-2.462773
O	1.804071	-1.022692	-2.149277
O	1.804568	-1.027732	2.151249

Ti	6.610679	-3.705808	1.800058
O	6.750122	-3.527218	-0.002696
O	8.040927	-2.698906	-2.428002
Ti	6.611143	-3.703905	-1.804676
O	6.260082	-5.489272	-2.125544
O	6.257517	-5.489075	2.126621
O	5.033114	-2.949586	2.331910
Ti	3.484311	-2.146046	1.803640
O	3.555143	-2.113352	-0.005267
O	5.031367	-2.948837	-2.335761
Ti	3.485509	-2.140286	-1.812769

48b

E = -48004.1698765 Hartree

Ti	-6.194992	2.133633	-3.294456
O	-5.679447	1.402690	-4.938356
Ti	-4.462472	0.225792	-4.229291
O	-4.908600	0.967562	-2.636856
O	-2.616214	0.536307	-4.332091
O	-5.540570	3.744882	-2.792066
O	-4.429816	3.406963	-0.115269
Ti	-3.934395	4.143162	-1.924074
O	-2.834835	2.939741	-2.633318
O	-1.740921	0.652005	-1.432032
Ti	-1.605697	1.680117	-3.238699
O	-0.658146	2.892072	-4.262899
O	-0.028344	2.465158	-1.820690
O	-2.433874	4.832136	-0.515444
O	-3.324350	5.785158	-2.621274
O	-0.400377	5.289271	-2.838074
Ti	-1.722678	5.978612	-1.765330
O	-1.121796	7.493182	-0.865690
Ti	0.493099	3.704860	-3.095979
O	2.236177	4.514009	-2.174910
Ti	2.146315	5.365175	-0.480642
Ti	0.189372	7.113135	0.363521
O	2.877057	4.415332	0.870582
Ti	1.938919	3.208876	1.981754
O	0.707944	4.445825	2.501241
O	-0.241393	7.089616	2.164360
Ti	-0.663947	5.487689	3.020187
O	0.344900	5.333029	-0.083801
O	2.024194	2.319496	3.640163
O	1.092609	2.048694	0.856666
Ti	-0.489337	1.502932	-0.155922
O	1.978022	7.180648	-0.142920
O	-1.608671	2.564096	0.740599
O	-2.234703	4.996100	2.260743
Ti	-2.875561	3.811097	1.048034
O	-0.958792	4.949670	4.784586
O	-5.085112	-1.492102	-3.936729
Ti	-7.933557	-1.590376	1.416019

Ti	-6.184477	-3.467917	0.421241
O	-8.722345	-0.414436	0.227753
Ti	-7.666667	0.562053	-0.959549
O	-6.648931	-0.781082	-1.592232
O	-5.913144	-3.463635	-1.421227
Ti	-5.352272	-1.890362	-2.164461
O	-6.170829	-1.692101	0.870133
O	-7.773880	1.599319	-2.512426
O	-6.692382	1.628597	0.110509
Ti	-5.015911	1.771421	0.835570
O	-7.935674	-3.406978	1.036597
O	-3.929078	0.594017	0.069389
O	-3.618205	-1.746143	-1.461972
Ti	-2.639130	-0.617368	-0.342730
Ti	-5.849434	-0.631579	3.555687
O	-7.619240	-1.034917	3.138331
O	-2.913286	-1.690554	1.365663
O	-1.988075	-2.425414	3.629619
O	-4.805112	-2.136378	3.528075
Ti	-3.582336	-3.008574	2.431683
O	-4.799653	-4.068664	1.445930
O	-5.330701	0.616122	2.350281
Ti	0.614197	1.411136	4.298150
O	-0.044888	2.105860	5.872692
Ti	-1.342371	3.163799	5.058439
O	-0.747251	2.377614	3.535133
O	-3.109916	2.626005	5.049230
O	0.054791	-0.295957	3.606729
O	-1.002152	-0.101520	0.890564
Ti	-1.561205	-0.826519	2.730795
O	-2.742820	0.317400	3.400883
O	-4.057488	2.759489	2.277024
Ti	-4.017565	1.567371	3.855223
O	-5.239404	0.568528	4.832639
Ti	-0.683266	-1.370750	-4.274807
O	-0.035301	-2.075485	-5.844299
Ti	1.268111	-3.138990	-5.025707
O	0.687106	-2.341230	-3.508812
O	3.042450	-2.622945	-5.045732
O	-0.053503	0.315951	-3.567140
O	1.006163	0.111132	-0.860824
Ti	1.563634	0.836149	-2.704858
O	2.717052	-0.319492	-3.402843
O	4.029995	-2.761238	-2.281493
Ti	3.980697	-1.571579	-3.866884
O	5.193201	-0.578109	-4.862026
O	5.308123	-0.625084	-2.377199
O	2.924744	1.691303	-1.344301
O	1.986634	2.438421	-3.599497
O	4.784112	2.133582	-3.544160
Ti	3.583388	3.010134	-2.420694
O	4.815242	4.066795	-1.467841

Ti	5.818042	0.622310	-3.591212
O	7.601722	1.010989	-3.217803
Ti	7.938230	1.574443	-1.498870
Ti	6.214003	3.450792	-0.473021
O	8.726171	0.397985	-0.310705
Ti	7.678653	-0.576819	0.885107
O	6.655016	0.758144	1.522262
O	5.954658	3.442773	1.368953
Ti	5.385629	1.878915	2.131712
O	6.179206	1.680696	-0.940545
O	7.814778	-1.616632	2.429360
O	6.695436	-1.651452	-0.172318
Ti	5.001041	-1.776279	-0.854094
O	7.950708	3.389800	-1.116867
O	3.936935	-0.590922	-0.059356
O	3.626503	1.751117	1.486850
Ti	2.647798	0.621833	0.363623
O	5.157756	1.475782	3.911103
O	0.905474	-4.926497	-4.753136
Ti	-2.147002	-5.353210	0.519961
Ti	-0.201837	-7.107499	-0.328903
O	-2.872370	-4.406281	-0.831785
Ti	-1.941335	-3.203798	-1.944139
O	-0.715807	-4.435784	-2.469456
O	0.210938	-7.083041	-2.129555
Ti	0.639091	-5.486816	-2.997538
O	-0.340741	-5.326420	0.124200
O	-2.055658	-2.328416	-3.608794
O	-1.090063	-2.033930	-0.828015
Ti	0.492775	-1.494467	0.190649
O	-1.985151	-7.169504	0.194017
O	1.604929	-2.557391	-0.711310
O	2.210519	-4.992352	-2.243970
Ti	2.860563	-3.807094	-1.036326
Ti	-0.482645	-3.691860	3.128641
O	-2.230176	-4.503986	2.217746
O	2.434432	-4.827418	0.529188
O	3.335525	-5.780950	2.623417
O	0.409196	-5.279880	2.863151
Ti	1.724087	-5.973254	1.780883
O	1.119215	-7.489835	0.891507
O	0.025974	-2.453508	1.852878
Ti	6.252433	-2.156387	3.246863
O	5.773469	-1.426466	4.901900
Ti	4.534196	-0.248929	4.219970
O	4.954101	-0.989958	2.621566
O	2.695641	-0.585526	4.356837
O	5.568528	-3.762686	2.762011
O	4.426418	-3.404789	0.108535
Ti	3.942120	-4.145914	1.921090
O	2.848546	-2.943106	2.644998
O	1.747592	-0.645418	1.462939

Ti	1.634419	-1.671684	3.266747
O	0.674801	-2.883334	4.291283

48c

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Ti	1.864172	-4.945821	-1.628152
O	2.122674	-6.239000	-2.916039
Ti	2.040973	-5.081716	-4.376217
O	1.930108	-3.781973	-3.089504
O	0.464317	-4.866160	-5.257836
O	0.189587	-4.990986	-0.946808
O	-0.415965	-2.114627	-0.877609
Ti	-1.354484	-3.985101	-1.178551
O	-1.200246	-3.994210	-3.064116
O	-0.479081	-2.041067	-5.220333
Ti	-1.038165	-3.853248	-4.848189
O	-2.469813	-4.679392	-5.713072
O	-2.979059	-2.356225	-4.798206
O	-2.929319	-2.573984	-1.483483
O	-2.891599	-5.047976	-1.004089
O	-4.297409	-4.550350	-3.442781
Ti	-4.138245	-3.955073	-1.740136
O	-5.913911	-3.596058	-1.226908
Ti	-3.973566	-3.809865	-5.063771
O	-5.638340	-3.127660	-5.633223
Ti	-6.398605	-1.794618	-4.637420
Ti	-6.541198	-2.045076	-1.882573
O	-6.305152	-0.102240	-5.337634
Ti	-5.089183	1.099478	-4.615179
O	-5.706155	1.106013	-2.875167
O	-6.342908	-0.669119	-0.570424
Ti	-5.207872	0.904833	-1.145125
O	-5.265724	-1.723528	-3.153354
O	-4.725802	2.837892	-5.086195
O	-3.500029	0.337241	-5.090666
Ti	-2.039980	-0.704310	-4.780393
O	-7.698194	-2.112533	-3.332847
O	-1.843650	-0.565599	-3.031889
O	-3.655769	0.063354	-1.083248
Ti	-2.063553	-0.855617	-1.270155
O	-4.634249	2.766532	-0.857153
O	3.607211	-4.430009	-5.136300
Ti	5.557070	0.676806	-1.418704
Ti	5.191449	0.325026	-4.199035
O	5.343709	-1.138906	-0.882085
Ti	4.147363	-2.690644	-1.059111
O	4.579586	-3.136124	-2.731791
O	5.118611	-1.394683	-4.817915
Ti	3.905056	-2.758767	-4.423718
O	4.083319	0.490467	-2.712350
O	3.236629	-4.421439	-0.447678
O	2.556136	-1.852117	-1.074691

Ti	1.060236	-0.825417	-1.176897
O	6.555887	0.706048	-2.911805
O	0.864621	-0.836988	-2.978767
O	2.410400	-1.897890	-5.060993
Ti	0.985340	-0.836254	-4.741691
Ti	3.021695	2.276226	-1.790539
O	4.610180	2.282774	-0.977532
O	1.980849	0.804900	-4.834868
O	1.380550	3.104732	-5.789233
O	3.127651	3.041987	-3.446117
Ti	2.904741	2.292402	-5.072000
O	4.648302	1.580967	-5.378914
O	1.905512	0.898106	-0.978665
Ti	-3.158187	3.487043	-4.311349
O	-3.291567	4.824583	-2.976133
Ti	-3.061989	3.710623	-1.563363
O	-2.976134	2.374548	-2.945035
O	-1.280296	3.479492	-1.160949
O	-1.546441	3.282351	-5.209408
O	-0.559095	0.472832	-5.344088
Ti	-0.043055	2.279432	-4.942942
O	0.247687	2.265961	-3.131911
O	-0.772698	0.600481	-0.880082
Ti	0.109710	2.356287	-1.310534
O	1.689773	3.408746	-0.967202
Ti	3.158287	-3.486605	4.311121
O	3.291429	-4.824557	2.976275
Ti	3.061650	-3.711074	1.563154
O	2.976595	-2.374573	2.944516
O	1.279832	-3.479730	1.161250
O	1.546555	-3.281624	5.208949
O	0.559055	-0.472292	5.344218
Ti	0.042975	-2.278809	4.942704
O	-0.247792	-2.265602	3.131758
O	0.772124	-0.600438	0.880153
Ti	-0.110027	-2.356346	1.310374
O	-1.690296	-3.408883	0.967116
O	-1.906173	-0.898087	0.978561
O	-1.980537	-0.804813	4.834872
O	-1.380294	-3.104628	5.789274
O	-3.127411	-3.042024	3.446212
Ti	-2.904564	-2.292384	5.072089
O	-4.649019	-1.582719	5.377982
Ti	-3.022064	-2.276397	1.790350
O	-4.610903	-2.282908	0.978042
Ti	-5.557570	-0.677028	1.419205
Ti	-5.191852	-0.325367	4.199620
O	-5.344593	1.138713	0.882253
Ti	-4.147826	2.690502	1.058993
O	-4.579436	3.135217	2.731946
O	-5.117896	1.393989	4.818348
Ti	-3.905985	2.758638	4.424121

O	-4.083888	-0.490277	2.712686
O	-3.237084	4.421041	0.447707
O	-2.556871	1.851452	1.074795
Ti	-1.060601	0.825231	1.176721
O	-6.556293	-0.706153	2.912326
O	-0.864916	0.836805	2.978693
O	-2.410476	1.897918	5.061184
Ti	-0.985136	0.836480	4.741516
O	-3.599073	4.423597	5.148088
O	4.634082	-2.767016	0.856969
Ti	6.397864	1.795324	4.637520
Ti	6.540438	2.044900	1.882514
O	6.306347	0.102386	5.336819
Ti	5.088785	-1.098788	4.615484
O	5.705917	-1.105701	2.875513
O	6.342151	0.668731	0.570469
Ti	5.207043	-0.905291	1.145364
O	5.265103	1.723367	3.153400
O	4.725698	-2.837409	5.086363
O	3.499423	-0.337397	5.090673
Ti	2.040018	0.704777	4.780326
O	7.697834	2.111327	3.332601
O	1.843260	0.566082	3.031864
O	3.654885	-0.064008	1.083151
Ti	2.063095	0.855812	1.270043
Ti	3.973639	3.810521	5.063087
O	5.649098	3.142485	5.618814
O	2.928883	2.574059	1.483312
O	2.891048	5.048010	1.003209
O	4.295871	4.551141	3.441711
Ti	4.137893	3.955129	1.739286
O	5.913464	3.595686	1.226366
O	2.980006	2.356369	4.799371
Ti	-1.864786	4.945412	1.628148
O	-2.123381	6.238650	2.915834
Ti	-2.041341	5.081761	4.375901
O	-1.930495	3.781659	3.089552
O	-0.464334	4.866239	5.257562
O	-0.189996	4.991043	0.946890
O	0.415434	2.114634	0.877594
Ti	1.354038	3.985137	1.178171
O	1.199992	3.994554	3.063974
O	0.479128	2.041249	5.220091
Ti	1.038073	3.853543	4.847902
O	2.469905	4.679784	5.712686

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Ti	-5.673310	5.132135	-1.800228
O	-5.730759	4.868719	-0.000604
O	-7.107936	4.133953	2.389028
Ti	-5.671763	5.134396	1.798549

O	-5.378740	6.937476	2.077197
O	-5.380106	6.934674	-2.081988
O	-4.083215	4.468466	-2.422135
Ti	-2.552500	3.708724	-1.809328
O	-2.660514	3.715349	-0.001397
O	-4.080980	4.471641	2.419886
Ti	-2.551188	3.710686	1.806499
O	-0.895673	2.667956	2.278437
O	-0.897150	2.665193	-2.280492
Ti	-3.853965	7.702871	-1.368829
O	-4.145895	8.915636	-0.004486
Ti	-3.853438	7.704914	1.361536
O	-3.479439	6.542170	-0.002804
O	-2.247367	7.754971	2.269730
O	-2.248298	7.751571	-2.277694
O	-1.154548	5.091663	-2.094423
Ti	-0.656986	6.956105	-1.793654
O	-0.634780	7.261152	-0.004046
O	-1.152953	5.094334	2.088890
Ti	-0.656687	6.958458	1.786035
O	0.803796	7.878396	2.469422
O	1.252468	5.615253	1.434415
O	1.250260	5.614340	-1.441302
O	0.803028	7.875957	-2.478548
O	2.583458	7.702983	-0.004605
Ti	2.283003	7.057545	-1.688182
Ti	2.283893	7.059376	1.679860
Ti	0.480242	3.893788	1.719954
O	0.523587	3.355684	-0.001897
Ti	0.478899	3.891815	-1.724381
O	-7.110451	4.131235	-2.387609
O	1.938276	3.172968	-2.559095
Ti	3.370754	2.348339	-1.810086
O	3.297460	2.572553	-0.002040
O	1.939515	3.174846	2.555068
Ti	3.371710	2.349782	1.806334
O	4.972587	1.218137	2.350122
O	4.971438	1.216324	-2.352743
O	3.897100	6.481030	2.395218
O	3.896513	6.478968	-2.402533
O	4.811843	3.660319	-2.162932
Ti	5.334797	5.499473	-1.818565
O	5.242087	5.712614	-0.003387
O	4.812658	3.662177	2.157794
Ti	5.335262	5.501183	1.812048
O	6.876153	6.347940	2.447716
O	7.194920	4.054511	1.453658
O	7.193735	4.053796	-1.458963
O	6.875493	6.346160	-2.455119
O	8.605238	6.120264	-0.003630
Ti	8.298516	5.443331	-1.672545
O	9.885036	4.661218	-2.283566

Ti	8.299225	5.444391	1.665915
O	9.888923	4.666255	2.273556
Ti	10.625103	3.228571	1.372071
Ti	10.624712	3.227766	-1.378520
O	10.597332	1.530889	2.108842
Ti	9.165922	0.391953	1.803237
O	9.020053	0.229812	-0.002090
O	10.596244	1.529607	-2.114464
Ti	9.164960	0.390923	-1.807539
O	9.428914	3.036160	-0.003052
O	7.778363	1.407979	2.407763
Ti	6.395139	2.366519	1.719384
O	11.838403	3.516173	-0.003601
O	6.310083	1.849285	-0.001788
O	7.777347	1.407005	-2.411899
Ti	6.394141	2.365387	-1.723369
Ti	-7.481141	2.399571	-1.823419
O	-7.534725	2.434496	0.002114
O	-8.900480	1.348615	2.387513
Ti	-7.479113	2.401305	1.827656
O	-5.999998	1.461497	-2.291937
Ti	-4.487992	0.565477	-1.791789
O	-4.638573	0.581650	0.001156
O	-5.997411	1.463925	2.295243
Ti	-4.486265	0.567117	1.793892
O	-2.705132	-0.539746	1.932893
O	-2.706970	-0.541768	-1.930430
O	-3.164824	1.877826	-2.151556
O	-3.163145	1.880265	2.150676
Ti	-1.422477	0.844722	1.789010
O	-1.153399	0.888765	-0.000151
Ti	-1.423993	0.842646	-1.789122
Ti	-10.627145	-3.230062	-1.368159
Ti	-10.625204	-3.228859	1.382132
O	-10.597921	-1.531328	-2.102490
Ti	-9.165283	-0.393843	-1.800056
O	-9.013032	-0.231687	0.004507
O	-10.595584	-1.529257	2.114674
Ti	-9.162947	-0.392355	1.809456
O	-9.429650	-3.039095	0.006070
O	-8.903007	1.346214	-2.380554
O	-7.780085	-1.410633	-2.407745
Ti	-6.396235	-2.367313	-1.717988
O	-11.839893	-3.517137	0.008000
O	-6.311153	-1.850012	0.002989
O	-7.777081	-1.409004	2.415676
Ti	-6.394289	-2.366148	1.724581
Ti	-8.300461	-5.445304	-1.663213
O	-9.888984	-4.664178	-2.273073
O	-7.192752	-4.055141	1.461590
O	-6.875096	-6.347626	2.455501
O	-8.605447	-6.120762	0.006336

Ti	-8.298356	-5.444179	1.675030
O	-9.886053	-4.662858	2.286477
O	-7.194939	-4.055815	-1.452783
O	-3.898610	-6.482317	-2.393985
O	-3.896321	-6.480966	2.401217
O	-4.810984	-3.661664	2.164782
Ti	-5.334390	-5.499414	1.819282
O	-5.241305	-5.709678	0.004158
O	-4.813306	-3.663624	-2.158450
Ti	-5.336392	-5.501098	-1.811121
O	-6.878036	-6.349344	-2.444708
O	-4.973999	-1.220039	-2.347755
O	-4.971708	-1.217993	2.351662
O	-1.937818	-3.174344	2.557626
Ti	-3.371100	-2.349139	1.810610
O	-3.298425	-2.572066	0.002028
O	-1.940091	-3.175920	-2.554736
Ti	-3.372927	-2.350847	-1.806804
O	-0.001111	-0.001261	-2.539286
Ti	1.422656	-0.844646	-1.789444
O	1.151838	-0.890505	-0.000249
O	0.000974	0.001327	2.538971
Ti	1.423807	-0.843114	1.788772
O	3.163723	-1.876928	2.151992
O	3.162399	-1.878701	-2.151985
O	2.704452	0.540118	-1.929849
O	2.705727	0.541702	1.927153
O	8.900853	-1.348120	2.379442
Ti	7.479936	-2.404135	1.824158
O	7.532593	-2.445157	-0.001261
O	8.899929	-1.349771	-2.383061
Ti	7.478898	-2.405111	-1.826725
O	7.106163	-4.134359	2.390965
O	5.999705	-1.465137	2.289752
Ti	4.487218	-0.566087	1.791746
O	4.638174	-0.579753	-0.000944
O	5.998223	-1.466693	-2.292014
Ti	4.486050	-0.567473	-1.793492
Ti	-0.479646	-3.894294	-1.721378
O	-0.521807	-3.357029	0.000803
Ti	-0.478160	-3.893089	1.723451
Ti	-2.284252	-7.059737	-1.680775
O	-1.248707	-5.616193	1.439808
O	-0.802426	-7.878223	2.475841
O	-2.583879	-7.703819	0.003393
Ti	-2.282662	-7.058612	1.686815
O	-1.250755	-5.616735	-1.435840
Ti	3.854256	-7.703128	1.365522
O	4.145188	-8.915306	0.000829
Ti	3.853386	-7.704011	-1.364361
O	3.481589	-6.540708	0.000296
O	2.247217	-7.753400	-2.271667

O	2.248979	-7.751569	2.274286
O	1.154256	-5.092720	2.094726
Ti	0.656688	-6.956244	1.791826
O	0.635588	-7.258549	0.001863
O	1.152483	-5.094418	-2.092378
Ti	0.655446	-6.957739	-1.788389
O	-0.804511	-7.880105	-2.470065
O	0.895033	-2.668157	-2.279920
O	0.896405	-2.666336	2.280232
Ti	5.671174	-5.132460	1.797860
O	5.728353	-4.860847	-0.000659
O	7.104574	-4.135466	-2.393065
Ti	5.669965	-5.133497	-1.798961
O	5.379271	-6.936433	-2.077591
O	5.380523	-6.935249	2.077409
O	4.079876	-4.470554	2.422643
Ti	2.551127	-3.710213	1.808767
O	2.657869	-3.716692	0.000318
O	4.078025	-4.472164	-2.422986
Ti	2.549767	-3.711666	-1.808159

64a

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Ti	-1.845405	-5.302604	-5.235327
O	-2.082845	-5.273827	-3.433067
O	-3.665194	-5.486508	-1.100088
Ti	-1.907942	-5.474469	-1.652038
O	-0.722968	-6.830500	-1.269724
O	-0.525558	-6.602472	-5.416631
O	-0.925501	-3.813744	-5.671349
Ti	-0.098871	-2.334617	-4.947302
O	-0.215351	-2.495510	-3.189241
O	-1.048870	-4.002731	-0.919115
Ti	-0.092934	-2.460376	-1.331719
O	0.766266	-0.527275	-0.879393
O	0.702780	-0.510801	-5.218083
Ti	1.086294	-6.409276	-4.536877
O	1.534524	-7.601221	-3.162808
Ti	1.007091	-6.497886	-1.798312
O	0.672087	-5.298900	-3.113160
O	2.225253	-5.638331	-0.597085
O	2.429699	-5.526290	-5.381090
O	1.841954	-2.710620	-5.260738
Ti	3.315590	-3.979200	-4.822445
O	3.322695	-4.315358	-3.048692
O	1.778239	-2.788585	-1.292832
Ti	3.339844	-4.138654	-1.206374
O	5.168772	-4.408083	-1.078240
O	4.178877	-2.090098	-1.100426
O	4.096620	-1.963363	-4.426865
O	5.088133	-4.011843	-5.415087
O	6.497358	-2.842629	-2.965508

Ti	5.816175	-2.495608	-4.616357
O	6.740966	-1.039388	-5.310183
Ti	5.914151	-2.728796	-1.222786
O	6.980076	-0.991283	-0.860264
Ti	6.876281	0.785075	-1.672424
Ti	6.655935	0.580748	-4.419701
O	5.846338	2.303054	-1.370469
Ti	4.018088	2.364147	-1.513956
O	3.730812	2.214489	-3.309716
O	5.727071	1.923408	-5.287179
Ti	3.889177	2.167525	-5.094376
O	5.674419	0.134289	-2.975615
O	2.852608	3.777374	-1.226741
O	3.390809	0.747862	-0.815278
Ti	2.582148	-0.937471	-1.319654
O	7.937503	1.084432	-3.113291
O	2.394858	-0.476466	-3.022816
O	3.269968	0.533856	-5.633721
Ti	2.532347	-0.882000	-4.780389
Ti	-7.522908	-2.264421	-4.479831
Ti	-7.460931	-2.497801	-1.740930
O	-6.641347	-3.592587	-5.400747
Ti	-4.800679	-3.899861	-5.219466
O	-4.628031	-4.087084	-3.418611
O	-6.595476	-4.036103	-1.241006
Ti	-4.794551	-4.137976	-1.627407
O	-6.380239	-1.887911	-3.072779
O	-3.597244	-5.161898	-5.868337
O	-4.132642	-2.291632	-5.667017
Ti	-3.442585	-0.814087	-4.824133
O	-8.679205	-2.759249	-3.104810
O	-3.366237	-1.176515	-3.095995
O	-4.145679	-2.588127	-0.853828
Ti	-3.411310	-0.930100	-1.279806
Ti	-6.745015	0.828164	-4.525925
O	-7.717791	-0.595998	-5.234879
O	-4.992754	0.267247	-1.295125
O	-6.007561	2.560405	-0.805275
O	-7.357906	1.013262	-2.788464
Ti	-6.735567	0.704222	-1.082460
O	-7.494236	-1.044367	-0.539753
O	-5.053100	0.232269	-4.645559
Ti	-1.913097	5.007903	-1.574170
O	-2.401099	6.049368	-2.974400
Ti	-2.019137	4.771340	-4.325330
O	-1.674107	3.707341	-2.934151
O	-3.385647	3.882344	-5.241182
O	-3.301194	3.822680	-0.831390
O	-2.627603	1.059507	-0.930009
Ti	-4.189181	2.252930	-1.311387
O	-4.277352	2.419557	-3.068075
O	-2.752186	1.060405	-5.229719

Ti	-4.247684	2.309650	-4.887495
O	-6.082063	2.389142	-5.294629
O	-1.604362	-1.125666	-5.322370
O	-1.550243	-1.174073	-1.226174
Ti	1.044865	3.770678	-1.505859
O	1.088413	3.432355	-3.297162
O	2.666120	3.450186	-5.690170
Ti	0.909893	3.594978	-5.074770
O	-0.404417	4.915548	-5.208843
O	-0.101095	5.203706	-1.320426
O	0.107340	2.294505	-0.823644
Ti	-0.750023	0.670746	-1.324992
O	-0.698754	0.819516	-3.120206
O	-0.026553	2.133758	-5.646321
Ti	-0.820786	0.670563	-4.927916
Ti	-1.044697	-3.770414	1.505984
O	-1.088393	-3.432206	3.297220
O	-2.666773	-3.449989	5.689987
Ti	-0.910483	-3.594888	5.074881
O	0.403789	-4.915621	5.208722
O	0.101260	-5.203410	1.320118
O	-0.107216	-2.294388	0.823412
Ti	0.749910	-0.670520	1.324877
O	0.698254	-0.819474	3.120023
O	0.025617	-2.133494	5.646420
Ti	0.820222	-0.670631	4.927741
O	1.603910	1.125511	5.322110
O	1.550341	1.174311	1.226212
Ti	1.913198	-5.007558	1.574177
O	2.400965	-6.048964	2.974517
Ti	2.018567	-4.770962	4.325477
O	1.673968	-3.707121	2.934033
O	3.387507	-3.884363	5.239823
O	3.301280	-3.822512	0.830955
O	2.627580	-1.059364	0.929927
Ti	4.189447	-2.252783	1.311141
O	4.277511	-2.419951	3.067866
O	2.751400	-1.060759	5.229374
Ti	4.247109	-2.309906	4.887367
O	6.081337	-2.389846	5.294817
O	5.052527	-0.232896	4.646060
O	4.992886	-0.267150	1.295240
O	6.007694	-2.560178	0.804662
O	7.357282	-1.013511	2.789113
Ti	6.736007	-0.703594	1.082811
O	7.495161	1.044225	0.542244
Ti	6.744615	-0.828755	4.526709
O	7.716887	0.594940	5.237144
Ti	7.522882	2.263656	4.482399
Ti	7.461910	2.497151	1.743527
O	6.640959	3.591795	5.403205
Ti	4.800514	3.899374	5.220723

O	4.628567	4.086572	3.419726
O	6.596542	4.035300	1.242941
Ti	4.795458	4.137423	1.628551
O	6.380626	1.887439	3.075108
O	3.596970	5.161899	5.868604
O	4.132133	2.291008	5.667390
Ti	3.442098	0.813705	4.824065
O	8.679770	2.758381	3.108002
O	3.366293	1.176557	3.096010
O	4.146213	2.588083	0.854151
Ti	3.411465	0.930127	1.279881
Ti	-6.876541	-0.785452	1.670497
Ti	-6.656223	-0.580280	4.417793
O	-5.845851	-2.303622	1.370526
Ti	-4.017785	-2.363905	1.513952
O	-3.730168	-2.213674	3.309630
O	-5.727523	-1.922886	5.285697
Ti	-3.889541	-2.166923	5.094142
O	-5.674523	-0.134150	2.974169
O	-2.852303	-3.777201	1.226812
O	-3.390996	-0.747419	0.815103
Ti	-2.582212	0.937843	1.319512
O	-7.937690	-1.084594	3.111142
O	-2.395106	0.476912	3.022658
O	-3.270988	-0.533042	5.633671
Ti	-2.532793	0.882462	4.780237
Ti	-5.914178	2.729245	1.222449
O	-6.980131	0.992345	0.859993
O	-4.096945	1.963842	4.426176
O	-5.087648	4.011129	5.416107
O	-6.497505	2.843713	2.964930
Ti	-5.816454	2.496076	4.615665
O	-6.740706	1.039464	5.309369
O	-4.178912	2.090511	1.100167
Ti	-1.086101	6.409355	4.536057
O	-1.533687	7.601329	3.161697
Ti	-1.006339	6.497725	1.797510
O	-0.672033	5.298803	3.112525
O	-2.225015	5.638576	0.596356
O	-2.430420	5.527446	5.379954
O	-1.842310	2.711071	5.260443
Ti	-3.315741	3.979763	4.821915
O	-3.322875	4.315835	3.048148
O	-1.778227	2.788839	1.292451
Ti	-3.339964	4.138993	1.205940
O	-5.168720	4.408594	1.077474
O	-0.766205	0.527649	0.879318
O	-0.703289	0.511051	5.217946
Ti	1.845229	5.302050	5.235285
O	2.082931	5.272629	3.433001
O	3.666427	5.486150	1.100829
Ti	1.908830	5.473869	1.651960

O	0.724029	6.830027	1.269561
O	0.525797	6.602503	5.415719
O	0.924940	3.813583	5.671701
Ti	0.098532	2.334638	4.947112
O	0.215295	2.495800	3.189089
O	1.049165	4.002722	0.918525
Ti	0.092958	2.460594	1.331586

64b

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O	1.144777	0.345952	2.193492
O	1.150779	0.344713	-2.190628
O	3.338436	3.316047	1.410553
O	3.333226	3.321194	-1.400651
O	4.661826	5.438410	0.009868
Ti	4.345390	4.774579	-1.658148
Ti	4.340099	4.773223	1.676187
Ti	2.548913	1.616635	1.722515
O	2.610080	1.068016	0.003324
Ti	2.552139	1.616079	-1.715014
O	-2.871377	-5.601939	2.423644
O	0.065509	-5.633706	-2.431303
O	0.056234	-5.631786	2.431749
O	-0.942581	-2.816993	2.154909
Ti	-1.379307	-4.692428	1.809237
O	-1.246189	-4.900841	-0.002654
O	-0.936707	-2.818641	-2.159407
Ti	-1.371690	-4.693624	-1.814892
O	-2.864256	-5.599870	-2.435081
O	1.919085	-2.304327	2.545944
Ti	0.472879	-1.452328	1.823803
O	0.572194	-1.559073	0.000137
O	1.927703	-2.305784	-2.537338
Ti	0.477791	-1.454125	-1.822319
O	3.995390	0.900339	-2.555223
Ti	5.438245	0.070669	-1.811570
O	5.328180	0.171820	0.011081
O	3.985849	0.897702	2.570761
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Ti	7.378732	3.255344	-1.797052
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O	-9.894098	-5.655758	-2.451987
O	-7.947240	-0.524885	-2.352204
O	-7.949644	-0.519372	2.331704
O	-4.922021	-2.484633	2.556121
Ti	-6.351804	-1.655858	1.802495
O	-6.273148	-1.862796	-0.008086
O	-4.917130	-2.491516	-2.565790
Ti	-6.349796	-1.660827	-1.818920
O	-2.941542	0.672680	-2.539213
Ti	-1.512936	-0.165610	-1.789450
O	-1.778328	-0.145524	-0.002740
O	-2.948219	0.680930	2.526106
Ti	-1.517542	-0.161116	1.784574
O	-0.209999	1.227651	-2.010579
O	-0.215210	1.232569	2.007313
Ti	-3.469566	-3.217747	-1.722398
O	-3.501351	-2.663442	-0.002247
Ti	-3.472656	-3.214392	1.719040
Ti	-5.314932	-6.347634	-1.675280
O	-4.270871	-4.913109	1.415768
O	-5.633089	-6.999592	-0.001202
Ti	-5.318658	-6.344774	1.672561
O	-4.269144	-4.914923	-1.416583
O	-2.069529	-1.983233	-2.270456
O	-2.074899	-1.977725	2.268836

Table S6. Cartesian Coordinates for the Optimized Anatase-like and 48c-like 3-D (TiO₂)_n USNPs, n ≤ 480, at the PM6 Level.

anatase-like 3-D (0,0,0)-mer			
Ti	2.670018	-4.372448	1.446496
O	2.731852	-5.535948	-0.047892
Ti	2.486814	-4.140920	-1.352425
O	2.364585	-2.934193	0.084938
O	0.891574	-4.100052	-2.344771
O	0.836285	-4.023270	2.113146
O	-0.015397	-1.158984	2.157112
Ti	-0.753695	-2.982434	1.689629
O	-0.784666	-3.061853	-0.150874
O	-0.013864	-1.298575	-2.608028
Ti	-0.660384	-3.078659	-2.040049
O	-2.209909	-4.189012	-2.457449
O	-2.517710	-1.638336	-1.973275
O	-2.552981	-1.666738	1.804866

O	-2.168535	-4.359658	2.189607
O	-4.022842	-3.728026	0.107661
Ti	-3.741989	-3.128218	1.862788
O	-5.454773	-2.218891	2.500167
Ti	-3.567372	-3.179086	-1.649318
O	-5.277738	-2.592229	-2.257591
Ti	-5.827083	-1.022127	-1.418587
Ti	-5.991707	-0.783308	1.379219
O	-5.833436	0.475664	-2.530198
Ti	-4.567924	1.875781	-2.183499
O	-5.203611	2.207144	-0.438713
O	-6.321496	0.968719	1.950527
Ti	-4.919133	2.128070	1.398065
O	-4.602800	-0.651845	0.036908
O	-4.003090	3.679191	-2.481992
O	-3.007087	1.040851	-2.758921
Ti	-1.549246	0.110628	-2.005572
O	-7.154555	-1.230340	-0.059280
O	-1.563453	0.232447	-0.173583
O	-3.426106	1.171418	2.171010
Ti	-1.726118	0.262220	1.714785
O	-4.493107	3.909541	1.891191
O	3.984327	-3.624172	-2.358235
Ti	6.122085	1.162334	1.377153
Ti	5.822520	1.115024	-1.412944
O	6.152673	-0.618705	1.967315
Ti	4.712393	-1.867428	1.661793
O	5.059759	-2.047213	-0.198981
O	5.812109	-0.469214	-2.397972
Ti	4.539507	-1.836105	-1.961323
O	4.639864	0.975968	0.071855
O	4.345044	-3.744430	1.999559
O	3.107236	-0.882073	2.140459
Ti	1.494184	0.175612	1.665171
O	7.230898	1.400279	-0.145726
O	1.342142	-0.353775	-0.115898
O	2.988528	-0.971963	-2.627263
Ti	1.495964	-0.109009	-1.942963
Ti	3.475057	3.593948	1.779844
O	5.375938	2.810420	2.164303
O	2.378475	1.665206	-1.691425
O	2.143417	4.131680	-2.505568
O	3.932765	3.984258	-0.019993
Ti	3.536767	3.190643	-1.649447
O	5.182844	2.590473	-2.375101
O	2.370165	1.990380	1.897581
Ti	-2.491318	4.140963	-1.474325
O	-2.688910	5.477034	-0.105270
Ti	-2.727342	4.247553	1.329822
O	-2.452873	2.864173	0.011630
O	-1.212781	4.330491	2.482620
O	-0.947240	4.085028	-2.462821

O	-0.029614	1.300232	-2.565298
Ti	0.621183	3.087804	-1.954825
O	0.455722	3.275860	-0.100932
O	-0.216671	1.516381	1.888463
Ti	0.495877	3.442090	1.793608
O	1.940068	4.696542	1.883960
Ti	3.961817	-5.004474	7.537021
O	4.159587	-6.340752	6.168161
Ti	4.197484	-5.111694	4.732756
O	3.922641	-3.728108	6.050567
O	2.683087	-5.194272	3.579945
O	2.417390	-4.948804	8.524874
O	1.499005	-2.164585	8.627653
Ti	0.848631	-3.952044	8.017223
O	1.013885	-4.139999	6.163306
O	1.686170	-2.380355	4.174016
Ti	0.973973	-4.306394	4.268820
O	-0.470020	-5.560523	4.178262
O	-0.898524	-2.854144	4.165231
O	-0.908985	-2.529043	7.753769
O	-0.673515	-4.995607	8.568372
O	-2.462859	-4.848829	6.082569
Ti	-2.067031	-4.055233	7.711934
O	-3.713551	-3.454938	8.437298
Ti	-2.005414	-4.458125	4.282802
O	-3.906123	-3.674433	3.898306
Ti	-4.651959	-2.026021	4.685171
Ti	-4.352604	-1.978823	7.475275
O	-4.682112	-0.245200	4.094830
Ti	-3.242187	1.004255	4.400812
O	-3.590452	1.183936	6.261446
O	-4.341954	-0.395885	8.460435
Ti	-3.069628	0.972323	8.023613
O	-3.169879	-1.839991	5.991289
O	-2.874787	2.881268	4.062852
O	-1.637291	0.018486	3.922048
Ti	-0.024960	-1.039939	4.397123
O	-5.761020	-2.263713	6.208966
O	0.127632	-0.509822	6.179057
O	-1.518638	0.108048	8.689620
Ti	-0.026533	-0.755240	8.005254
O	-2.514240	2.760304	8.420691
O	5.963329	-4.773337	4.170881
Ti	7.297275	0.158223	7.481599
Ti	7.461989	-0.080805	4.683898
O	7.303855	-1.339252	8.592799
Ti	6.038168	-2.739168	8.246404
O	6.672682	-3.070561	6.501214
O	7.791705	-1.832251	4.111953
Ti	6.389012	-2.991577	4.664638
O	6.072838	-0.211247	6.026133
O	5.473470	-4.542708	8.544653

O	4.477010	-1.904677	8.821567
Ti	3.018868	-0.975070	8.068684
O	8.624595	0.367337	6.122207
O	3.033381	-1.096650	6.234201
O	4.896050	-2.034822	3.891551
Ti	3.195502	-1.126283	4.347602
Ti	5.036669	2.314736	7.711911
O	6.747449	1.728444	8.321213
O	4.024022	0.802769	4.257433
O	3.638583	3.495653	3.872958
O	5.492809	2.863843	5.954733
Ti	5.211619	2.264147	4.199851
O	6.924371	1.355578	3.561582
O	3.987579	0.774697	8.035716
Ti	-1.199794	3.509131	4.616112
O	-1.261320	4.672325	6.110869
Ti	-1.016735	3.276831	7.414917
O	-0.895127	2.070335	5.977304
O	0.578612	3.235923	8.407392
O	0.633910	3.159862	3.949384
O	1.485309	0.294852	3.905313
Ti	2.223334	2.118283	4.372870
O	2.254461	2.197353	6.213395
O	1.483327	0.434042	8.670671
Ti	2.130306	2.214056	8.101502
O	3.680061	3.324911	8.519697

anatase-like 3-D (0,0,1)-mer

Ti	2.621787	-4.153254	1.400457
O	2.725803	-5.414259	-0.021438
Ti	2.448942	-4.109088	-1.396687
O	2.254018	-2.822223	-0.054351
O	0.868640	-4.179358	-2.400613
O	0.721208	-3.935417	2.031602
O	-0.062823	-1.072106	2.036817
Ti	-0.906483	-2.865658	1.651741
O	-0.868399	-3.114597	-0.172800
O	0.071973	-1.399399	-2.599992
Ti	-0.698970	-3.177099	-2.055494
O	-2.233526	-4.313708	-2.432599
O	-2.477683	-1.738207	-2.194044
O	-2.635635	-1.476038	1.760273
O	-2.368968	-4.198962	2.249287
O	-3.972267	-3.582886	0.077907
Ti	-3.890773	-2.882155	1.872399
O	-5.731806	-2.289890	2.039020
Ti	-3.585178	-3.221423	-1.706594
O	-5.260336	-2.711620	-2.490479
Ti	-5.948023	-1.134360	-1.800844
Ti	-6.266238	-0.904615	0.966948
O	-5.894019	0.403524	-2.870738
Ti	-4.579723	1.638593	-2.234354

O	-5.210110	1.946845	-0.470523
O	-6.506933	0.727167	1.819864
Ti	-5.078735	1.923978	1.385096
O	-4.804820	-0.663615	-0.318710
O	-3.920064	3.437621	-2.230190
O	-2.985113	0.894540	-2.833257
Ti	-1.489015	-0.014444	-2.105146
O	-7.359924	-1.321209	-0.549349
O	-1.540425	0.124794	-0.294838
O	-3.594784	1.075590	2.293906
Ti	-1.773748	0.479855	1.581307
O	-4.720262	3.681986	1.883723
O	3.997762	-3.608093	-2.360317
Ti	6.318173	1.305786	1.387186
Ti	5.902522	1.033780	-1.385992
O	6.429785	-0.526885	2.158014
Ti	4.851297	-1.591869	1.590041
O	5.228348	-1.989842	-0.224700
O	5.908863	-0.495985	-2.422602
Ti	4.590363	-1.850906	-1.966297
O	4.850910	0.718949	0.217593
O	4.297640	-3.439293	1.826150
O	3.234972	-0.647182	2.089128
Ti	1.464167	0.290810	1.659601
O	7.335146	1.508865	-0.185371
O	1.433382	-0.398823	-0.076768
O	3.082553	-0.921910	-2.625545
Ti	1.531796	-0.187913	-1.902470
Ti	3.593827	3.652762	1.906718
O	5.455848	2.853635	2.184739
O	2.426964	1.623659	-1.569839
O	2.192517	4.082712	-2.486172
O	4.003380	3.916756	0.051942
Ti	3.561693	3.157223	-1.573246
O	5.193613	2.504139	-2.282726
O	2.421276	2.087653	1.973330
Ti	-2.442742	3.751183	-1.146400
O	-2.738263	5.080574	0.175355
Ti	-2.806391	3.937325	1.685285
O	-2.352643	2.463458	0.422850
O	-1.038626	4.512409	2.494646
O	-0.984494	3.828057	-2.269311
O	0.057002	1.218483	-2.551877
Ti	0.704845	3.005327	-1.899124
O	0.594789	3.347199	-0.062649
O	-0.154996	1.642592	1.780232
Ti	0.625913	3.596642	1.820250
O	2.094790	4.812583	1.992622
Ti	3.991910	-5.450524	7.642814
O	3.910260	-6.463195	6.069484
Ti	4.088924	-5.028391	4.796445
O	4.322806	-3.867741	6.384645

O	2.667766	-4.938682	3.535446
O	2.254737	-4.883633	8.178467
O	1.454901	-2.068740	8.242369
Ti	0.561225	-3.850223	7.764452
O	1.055580	-4.134794	5.987578
O	1.696101	-2.318878	4.037549
Ti	0.827849	-4.212509	4.126212
O	-0.660167	-5.463530	4.176686
O	-0.985556	-2.778815	4.092479
O	-1.095308	-2.578543	7.921944
O	-0.886339	-5.196691	8.150254
O	-2.787362	-4.620397	6.088047
Ti	-2.508744	-3.907299	7.810802
O	-4.273767	-3.343443	8.794188
Ti	-2.157027	-4.349320	4.287311
O	-4.039520	-3.329306	3.977803
Ti	-4.391985	-1.921084	5.213566
Ti	-4.584734	-1.563068	8.035612
O	-4.151500	-0.347918	4.414629
Ti	-3.026337	1.310947	4.395328
O	-4.006059	1.662947	6.023211
O	-4.825637	0.309139	8.430057
Ti	-3.532691	1.473041	7.778744
O	-3.135963	-1.950926	6.743637
O	-2.813404	3.215573	3.702362
O	-1.465463	0.310970	3.767210
Ti	-0.023545	-0.972375	4.255122
O	-5.753633	-1.848352	6.579617
O	-0.182930	-0.896803	6.065684
O	-1.920496	0.434081	8.221812
Ti	-0.288572	-0.612282	7.934872
O	-2.806793	3.228173	8.134269
O	5.750662	-4.953737	3.989562
Ti	7.332647	0.195089	6.912210
Ti	7.525800	-0.164454	4.091268
O	7.090814	-1.377725	7.711658
Ti	5.966540	-3.036340	7.730426
O	6.946769	-3.387191	6.102571
O	7.768923	-2.036765	3.695486
Ti	6.475522	-3.199275	4.346638
O	6.075843	0.223847	5.382532
O	5.755609	-4.940200	8.423310
O	4.404886	-2.038028	8.358893
Ti	2.962856	-0.755593	7.868806
O	8.694980	0.121604	5.547118
O	3.123010	-0.832240	6.058518
O	4.861888	-2.161458	3.901688
Ti	3.228355	-1.116739	4.189500
Ti	5.096230	2.620773	7.837402
O	6.978243	1.602839	8.147720
O	4.036694	0.849754	4.203097
O	3.826590	3.468423	3.975566

O	5.727657	2.893371	6.036971
Ti	5.448825	2.179540	4.314462
O	7.214229	1.614979	3.331510
O	3.926013	1.050116	8.032082
Ti	-1.047577	3.724588	4.481289
O	-0.965336	4.738377	6.054003
Ti	-1.145543	3.303774	7.327094
O	-1.381143	2.142671	5.739872
O	0.274138	3.213700	8.590051
O	0.687638	3.154649	3.945819
O	1.484673	0.339515	3.881181
Ti	2.379680	2.120223	4.360976
O	1.884037	2.404079	6.137632
O	1.244506	0.590462	8.086763
Ti	2.112029	2.483645	7.998962
O	3.599356	3.735224	7.947703
Ti	5.382989	-5.478843	13.271082
O	5.680921	-6.808140	11.950043
Ti	5.747746	-5.664903	10.439661
O	5.291775	-4.191495	11.702187
O	3.982093	-6.240748	9.628851
O	3.925354	-5.556336	14.394194
O	2.881103	-2.947119	14.676670
Ti	2.237263	-4.733951	14.024020
O	2.346135	-5.077526	12.187337
O	3.094170	-3.370975	10.344440
Ti	2.316232	-5.325780	10.304239
O	0.847208	-6.541755	10.132123
O	0.521777	-3.817120	10.151490
O	0.512432	-3.353427	13.692956
O	0.748676	-5.810948	14.612049
O	-1.062221	-5.645736	12.073498
Ti	-0.621114	-4.886208	13.698531
O	-2.251134	-4.233222	14.409921
Ti	-0.652205	-5.382634	10.218591
O	-2.514082	-4.582927	9.941118
Ti	-3.377802	-3.036461	10.738140
Ti	-2.960581	-2.762993	13.511489
O	-3.491273	-1.202288	9.967032
Ti	-1.912824	-0.137249	10.535726
O	-2.291966	0.263929	12.349575
O	-2.972028	-1.231989	14.544905
Ti	-1.653705	0.125125	14.090956
O	-1.909995	-2.447441	11.906477
O	-1.357975	1.710280	10.297231
O	-0.296362	-1.081859	10.035945
Ti	1.475246	-2.019278	10.463782
O	-4.392698	-3.241803	12.310966
O	1.507037	-1.328677	12.200681
O	-0.146086	-0.806263	14.746283
Ti	1.406119	-1.540002	14.024978
O	-1.060278	1.881457	14.486794

O	7.662012	-5.409004	10.240480
Ti	8.886421	-0.592617	13.925011
Ti	9.205390	-0.821767	11.157174
O	8.833074	-2.130572	14.994666
Ti	7.518755	-3.366233	14.359782
O	8.148963	-3.673358	12.595576
O	9.447628	-2.454276	10.305099
Ti	8.019274	-3.650569	10.740275
O	7.743766	-1.062897	12.442597
O	6.860410	-5.165416	14.355096
O	5.923972	-2.622507	14.958656
Ti	4.427413	-1.714008	14.230847
O	10.298445	-0.404467	12.673707
O	4.478772	-1.853062	12.420080
O	6.534907	-2.801912	9.833156
Ti	4.713176	-2.207201	10.544445
Ti	6.523156	1.493968	13.833197
O	8.197864	0.983736	14.616386
O	5.575555	-0.250472	10.366100
O	5.307390	2.471899	9.876257
O	6.910652	1.856951	12.048873
Ti	6.829721	1.156359	10.254393
O	8.670634	0.564073	10.086325
O	5.415766	0.010652	14.319489
Ti	0.316392	2.425451	10.723850
O	0.212722	3.686161	12.146658
Ti	0.488660	2.381274	13.521873
O	0.682820	1.094184	12.180165
O	2.069429	2.451616	14.525519
O	2.217321	2.205410	10.093619
O	3.002700	-0.656154	10.087557
Ti	3.845785	1.137064	10.473931
O	3.806803	1.386652	12.298444
O	2.865245	-0.329256	14.725035
Ti	3.636499	1.448360	14.181145
O	5.170502	2.585297	14.560001

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Ti	2.561144	-4.270602	1.344444
O	2.685614	-5.470547	-0.114024
Ti	2.431974	-4.113441	-1.461468
O	2.275940	-2.876092	-0.052979
O	0.843938	-4.173903	-2.445109
O	0.690483	-3.934239	1.960206
O	-0.088924	-1.061280	1.966640
Ti	-0.933896	-2.852836	1.592436
O	-0.886790	-3.094460	-0.237366
O	0.034564	-1.406254	-2.690722
Ti	-0.728663	-3.167676	-2.116956
O	-2.263385	-4.306250	-2.489337
O	-2.506387	-1.727439	-2.247176
O	-2.667183	-1.466773	1.688033

O	-2.393364	-4.188373	2.182157
O	-4.011788	-3.579359	0.010136
Ti	-3.915742	-2.884558	1.805039
O	-5.748446	-2.262815	1.975664
Ti	-3.614582	-3.210888	-1.772238
O	-5.279274	-2.693093	-2.574993
Ti	-5.965835	-1.117360	-1.876666
Ti	-6.277349	-0.884419	0.892324
O	-5.914142	0.419372	-2.944250
Ti	-4.599878	1.657321	-2.304941
O	-5.235464	1.963898	-0.544984
O	-6.531103	0.747818	1.744239
Ti	-5.102546	1.942300	1.312830
O	-4.819115	-0.649239	-0.395745
O	-3.927968	3.447287	-2.314083
O	-3.011040	0.898061	-2.902317
Ti	-1.510811	-0.005316	-2.180525
O	-7.376958	-1.301989	-0.622264
O	-1.552017	0.151147	-0.369119
O	-3.626552	1.094395	2.238753
Ti	-1.808203	0.480968	1.508982
O	-4.749945	3.705118	1.802471
O	3.953148	-3.599900	-2.444607
Ti	6.137779	1.262373	1.314845
Ti	5.911185	1.155062	-1.501287
O	6.148637	-0.543047	1.778256
Ti	4.702334	-1.776415	1.549911
O	5.024698	-2.005115	-0.302402
O	5.836455	-0.444070	-2.444484
Ti	4.528492	-1.812653	-2.075852
O	4.659878	1.200529	-0.047964
O	4.229079	-3.610986	1.938476
O	3.153856	-0.722476	2.038249
Ti	1.442020	0.279149	1.547109
O	7.281623	1.447561	-0.203436
O	1.431039	-0.428743	-0.186454
O	3.019777	-0.954586	-2.799782
Ti	1.506786	-0.195365	-2.015695
Ti	3.584815	3.624024	1.774158
O	5.494532	2.890964	2.205008
O	2.415717	1.576742	-1.670608
O	2.251197	4.019652	-2.537072
O	4.027895	3.997129	-0.029153
Ti	3.623849	3.081103	-1.607128
O	5.247759	2.599184	-2.485048
O	2.439200	2.048778	1.893149
Ti	-2.444128	3.743966	-1.227200
O	-2.740747	5.083532	0.090294
Ti	-2.832712	3.952594	1.603002
O	-2.388343	2.463847	0.359802
O	-1.056391	4.520620	2.399050
O	-0.979912	3.815832	-2.326168

O	0.033162	1.211488	-2.655709
Ti	0.736410	2.983558	-1.992496
O	0.592363	3.307365	-0.155134
O	-0.164932	1.629776	1.693879
Ti	0.594722	3.576322	1.723412
O	2.070957	4.769645	1.876822
Ti	4.105554	-5.020290	7.426568
O	4.233418	-6.306286	6.005681
Ti	4.117941	-5.046046	4.590108
O	3.845096	-3.711721	5.866445
O	2.564008	-5.153772	3.426041
O	2.280601	-4.877905	8.115792
O	1.508456	-2.047857	8.151688
Ti	0.572089	-3.854529	7.744534
O	0.843561	-4.128741	5.942783
O	1.677905	-2.345841	3.976993
Ti	0.860001	-4.255519	4.051277
O	-0.676913	-5.470092	4.070907
O	-1.016012	-2.753350	4.000961
O	-1.081743	-2.548009	7.899094
O	-0.912982	-5.161144	8.235876
O	-2.744479	-4.598169	6.048730
Ti	-2.490362	-3.877404	7.774578
O	-4.278177	-3.353903	8.723649
Ti	-2.149408	-4.341092	4.227521
O	-4.067131	-3.355061	3.904887
Ti	-4.397254	-1.930948	5.118319
Ti	-4.629213	-1.577722	7.920531
O	-4.144316	-0.346259	4.344221
Ti	-3.030651	1.326638	4.319647
O	-3.990127	1.673790	5.949494
O	-4.894492	0.298354	8.277378
Ti	-3.547460	1.450167	7.711110
O	-3.154492	-1.957332	6.662926
O	-2.845325	3.244178	3.622610
O	-1.461710	0.347920	3.689369
Ti	-0.042617	-0.975698	4.184054
O	-5.781926	-1.898650	6.464389
O	-0.222503	-0.830005	5.993187
O	-1.975154	0.380319	8.199864
Ti	-0.276915	-0.590448	7.869192
O	-2.822384	3.206462	8.083779
O	5.858488	-4.757610	3.888312
Ti	7.872094	0.386517	7.510361
Ti	7.497966	-0.122280	4.719207
O	8.018150	-1.411640	8.349886
Ti	6.400006	-2.419841	7.745973
O	7.040917	-3.192321	6.097060
O	7.844234	-1.740390	3.889884
Ti	6.487195	-3.042735	4.364178
O	6.472682	-0.513098	6.353774
O	5.679614	-4.254262	7.970893

O	4.705814	-1.540466	8.196078
Ti	2.944398	-0.653994	7.802986
O	8.819227	0.624737	5.908625
O	2.987818	-0.709389	5.992728
O	4.970102	-1.926804	3.822490
Ti	3.198287	-1.120846	4.155922
Ti	5.052118	2.712657	7.879086
O	6.898516	1.872077	8.176111
O	4.057451	0.869113	4.289395
O	3.706278	3.535519	3.879756
O	5.622763	2.832838	6.007993
Ti	5.268875	2.319682	4.268545
O	6.848685	1.248984	3.598634
O	3.837778	1.180656	8.086630
Ti	-1.091463	3.773015	4.393639
O	-1.037707	4.810644	5.951646
Ti	-1.181573	3.380596	7.248374
O	-1.388803	2.205110	5.669147
O	0.237652	3.321865	8.493793
O	0.638556	3.151096	3.857070
O	1.486658	0.336967	3.789830
Ti	2.296601	2.122660	4.307270
O	1.902819	2.464740	6.084015
O	1.202740	0.662977	8.021086
Ti	2.054670	2.587310	7.970998
O	3.553999	3.840882	7.950126
Ti	5.501915	-6.364536	13.793650
O	5.449105	-7.401919	12.235502
Ti	5.592466	-5.971797	10.938747
O	5.798876	-4.796593	12.518284
O	4.173223	-5.912172	9.693593
O	3.771526	-5.743971	14.330164
O	2.923815	-2.929284	14.397646
Ti	2.113414	-4.715393	13.880446
O	2.507031	-5.056149	12.103354
O	3.207253	-3.253865	10.166081
Ti	2.355484	-5.178187	10.216529
O	0.856392	-6.431934	10.236567
O	0.571440	-3.771935	10.100861
O	0.352165	-3.460878	13.898122
O	0.703621	-6.127934	14.307516
O	-1.212475	-5.425392	12.179282
Ti	-0.858949	-4.912212	13.918790
O	-2.440079	-3.842780	14.588520
Ti	-0.642231	-5.304366	10.308225
O	-2.488427	-4.464471	10.011987
Ti	-3.460895	-2.976790	10.678338
Ti	-3.088706	-2.469790	13.469096
O	-3.605998	-1.179260	9.838018
Ti	-1.988993	-0.168176	10.440085
O	-2.631037	0.600593	12.089445
O	-3.434383	-0.851527	14.299549

Ti	-2.076606	0.450761	13.822302
O	-2.062087	-2.078540	11.835234
O	-1.269753	1.666381	10.215518
O	-0.295740	-1.049206	9.991115
Ti	1.465228	-1.936914	10.384664
O	-4.409280	-3.215013	12.278512
O	1.422084	-1.882840	12.194752
O	-0.559166	-0.664855	14.365205
Ti	1.211798	-1.472135	14.031916
O	-1.447984	2.164827	14.298301
O	7.232514	-5.796379	10.102155
Ti	8.808124	-0.660124	13.070558
Ti	9.040621	-1.012756	10.268193
O	8.555339	-2.245711	13.843501
Ti	7.441024	-3.918134	13.867767
O	8.398531	-4.264446	12.236607
O	9.306475	-2.888663	9.911206
Ti	7.957486	-4.040029	10.475025
O	7.565586	-0.633514	11.525434
O	7.255695	-5.835520	14.564857
O	5.871781	-2.939541	14.498021
Ti	4.452402	-1.616684	14.002674
O	10.192996	-0.691354	11.724678
O	4.632655	-1.761968	12.193605
O	6.386070	-2.969694	9.986228
Ti	4.686900	-2.000424	10.317300
Ti	6.559279	1.749941	13.961171
O	8.477353	0.763391	14.284359
O	5.492561	-0.043604	10.289567
O	5.323837	2.569281	9.951531
O	7.154886	2.006713	12.140151
Ti	6.900733	1.285904	10.414179
O	8.689305	0.763342	9.464994
O	5.425851	0.161431	14.187067
Ti	0.305072	2.430710	10.760920
O	0.177483	3.715579	12.182921
Ti	0.291952	2.453725	13.597321
O	0.564586	1.120638	12.319272
O	1.846288	2.561375	14.762315
O	2.130129	2.287992	10.071661
O	2.899941	-0.543240	10.035768
Ti	3.838201	1.263228	10.442573
O	3.566896	1.537658	12.244621
O	2.732456	-0.246381	14.209737
Ti	3.549973	1.663043	14.135851
O	5.087188	2.878264	14.117466
Ti	6.854679	-6.335960	19.414900
O	7.151993	-7.675296	18.097580
Ti	7.243287	-6.544449	16.584532
O	6.798373	-5.055860	17.827978
O	5.466861	-7.112056	15.788619
O	5.389638	-6.407828	20.512304

O	4.375412	-3.804307	20.843521
Ti	3.672744	-5.576200	20.179995
O	3.816484	-5.900014	18.342804
O	4.575285	-4.222148	16.493637
Ti	3.815287	-6.168736	16.464016
O	2.338890	-7.361786	16.310303
O	1.970736	-4.640881	16.293897
O	1.993019	-4.169094	19.857440
O	2.158135	-6.611712	20.725315
O	0.381686	-6.589458	18.216577
Ti	0.784591	-5.673442	19.794761
O	-0.839140	-5.191407	20.670601
Ti	0.824922	-6.215905	16.413478
O	-1.084420	-5.482562	15.982259
Ti	-1.728293	-3.853948	16.871558
Ti	-1.502060	-3.747381	19.687573
O	-1.738589	-2.048692	16.407656
Ti	-0.292260	-0.814720	16.637514
O	-0.616487	-0.585719	18.489466
O	-1.427355	-2.147705	20.631261
Ti	-0.119673	-0.779222	20.262798
O	-0.250857	-3.791713	18.234462
O	0.181302	1.019767	16.249042
O	1.256064	-1.869336	16.149597
Ti	2.967364	-2.871541	16.640785
O	-2.872659	-4.038956	18.389452
O	2.978467	-2.163194	18.372384
O	1.388695	-1.637620	20.986683
Ti	2.901427	-2.397415	20.202970
O	0.456185	1.007867	20.632121
O	9.159677	-6.294593	16.386481
Ti	10.374701	-1.473595	20.067157
Ti	10.687166	-1.706541	17.298009
O	10.322743	-3.011488	21.133972
Ti	9.008475	-4.249001	20.494276
O	9.642840	-4.553257	18.733823
O	10.941014	-3.337519	16.445991
Ti	9.511235	-4.534467	16.875382
O	9.228301	-1.940703	18.585180
O	8.338282	-6.039240	20.503093
O	7.419232	-3.490499	21.091034
Ti	5.919004	-2.587720	20.368008
O	11.786329	-1.289024	18.812883
O	5.961429	-2.743718	18.557863
O	8.036402	-3.685838	15.948423
Ti	6.217711	-3.073269	16.678559
Ti	8.023892	0.618141	19.961213
O	9.687522	0.100927	20.765010
O	7.078394	-1.124919	16.499818
O	6.803254	1.596212	16.006356
O	8.421015	0.986847	18.178491
Ti	8.324890	0.292431	16.384113

O	10.158107	-0.328580	16.213541
O	6.915293	-0.865473	20.435189
Ti	1.849085	1.678999	16.843489
O	1.725135	2.878770	18.302171
Ti	1.977522	1.521083	19.649347
O	2.133179	0.284272	18.240469
O	3.565506	1.581335	20.633400
O	3.719515	1.342685	16.227505
O	4.502128	-1.530426	16.220663
Ti	5.343183	0.260251	16.595430
O	5.295453	0.501356	18.425362
O	4.373948	-1.186566	20.878544
Ti	5.137403	0.574540	20.304195
O	6.672027	1.713517	20.677559

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Ti	2.719673	-4.309514	1.357297
O	2.808720	-5.467599	-0.148113
Ti	2.512470	-4.071618	-1.442638
O	2.350909	-2.889475	0.007062
O	0.899953	-4.125239	-2.401634
O	0.853776	-4.092709	2.019188
O	0.032630	-1.146575	2.085767
Ti	-0.748891	-2.968287	1.696855
O	-0.803820	-3.166327	-0.146640
O	0.036444	-1.359518	-2.547388
Ti	-0.670995	-3.145098	-2.018543
O	-2.230654	-4.276539	-2.403029
O	-2.504299	-1.718265	-1.975709
O	-2.514349	-1.585437	1.863955
O	-2.194109	-4.305772	2.224469
O	-4.019644	-3.710555	0.202888
Ti	-3.717751	-3.017604	1.931986
O	-5.544415	-2.287620	2.722544
Ti	-3.553103	-3.238761	-1.575548
O	-5.298921	-2.703690	-2.190738
Ti	-5.915427	-1.205843	-1.293409
Ti	-6.151412	-0.993214	1.502519
O	-5.878623	0.346839	-2.312263
Ti	-4.522021	1.648749	-1.891750
O	-5.123965	1.853586	-0.100107
O	-6.435004	0.681785	2.231670
Ti	-5.005663	1.880123	1.751292
O	-4.706928	-0.943401	0.219893
O	-3.846087	3.419113	-1.844668
O	-3.020693	0.871692	-2.647244
Ti	-1.471635	0.015245	-1.946317
O	-7.291182	-1.398371	0.027613
O	-1.530751	0.123903	-0.142649
O	-3.502024	0.979335	2.526492
Ti	-1.681881	0.403386	1.764235
O	-4.619522	3.623232	2.249567

O	3.991817	-3.494747	-2.455215
Ti	6.361305	1.234708	1.423686
Ti	6.036650	1.205428	-1.417625
O	6.254629	-0.584480	1.824250
Ti	4.807014	-1.806840	1.535794
O	5.110318	-1.924997	-0.330893
O	5.880463	-0.343685	-2.443709
Ti	4.568921	-1.706976	-2.083499
O	4.796694	1.288557	0.049283
O	4.427810	-3.671352	1.813941
O	3.267461	-0.773076	2.058451
Ti	1.545288	0.264268	1.698783
O	7.439948	1.408039	-0.155975
O	1.441985	-0.530599	-0.013614
O	3.025508	-0.838919	-2.704061
Ti	1.532919	-0.157737	-1.807719
Ti	3.733158	3.602951	2.135926
O	5.607502	2.746053	2.425864
O	2.459092	1.558712	-1.289870
O	2.364900	4.004042	-2.097424
O	4.165108	4.026818	0.341077
Ti	3.759818	3.029344	-1.189678
O	5.317908	2.692611	-2.273166
O	2.548776	2.021637	2.140576
Ti	-2.326021	3.731174	-0.783072
O	-2.620527	5.035818	0.569981
Ti	-2.689963	3.862278	2.057821
O	-2.250778	2.411692	0.741665
O	-0.945149	4.394454	2.900870
O	-0.900679	3.807047	-1.915326
O	0.068574	1.262661	-2.331739
Ti	0.849834	3.001078	-1.567295
O	0.679112	3.354307	0.261629
O	-0.049308	1.565088	1.940470
Ti	0.722320	3.539084	2.160338
O	2.197843	4.724698	2.344091
Ti	4.026264	-5.493005	7.659705
O	4.069368	-6.519778	6.080803
Ti	4.253027	-5.095582	4.793177
O	4.398286	-3.920599	6.369679
O	2.819727	-5.068187	3.543993
O	2.252858	-4.967364	8.120512
O	1.497999	-2.102523	8.167439
Ti	0.529445	-3.884029	7.750807
O	1.093649	-4.230863	5.993570
O	1.844016	-2.473569	4.017644
Ti	0.964286	-4.376138	4.132921
O	-0.501383	-5.634854	4.156186
O	-0.832611	-2.938647	4.074603
O	-1.141361	-2.555362	7.886476
O	-0.898959	-5.188389	8.200315
O	-2.611833	-4.795700	6.125852

Ti	-2.514934	-3.898567	7.812657
O	-4.390891	-3.259002	8.897119
Ti	-2.019906	-4.524517	4.339712
O	-3.906698	-3.745817	3.943107
Ti	-4.684278	-2.180056	4.812609
Ti	-4.896111	-1.935088	7.668534
O	-4.013914	-0.565075	4.464923
Ti	-2.905414	1.111455	4.625348
O	-4.132374	1.343060	6.105598
O	-4.917364	-0.222104	8.391307
Ti	-3.686125	1.137856	7.856286
O	-3.418835	-2.366085	6.531092
O	-2.710421	3.043703	4.034952
O	-1.327104	0.192668	3.914211
Ti	0.119006	-1.141327	4.278201
O	-6.041907	-2.179937	6.187028
O	-0.057412	-1.064585	6.083040
O	-1.960310	0.293495	8.302896
Ti	-0.229637	-0.640964	7.927864
O	-3.125507	2.893046	8.268567
O	5.934279	-4.894838	4.016522
Ti	7.796295	0.183697	7.437239
Ti	7.877143	-0.029087	4.563720
O	7.213429	-1.485501	7.830676
Ti	6.007291	-3.072367	7.691649
O	7.062646	-3.389764	6.111771
O	7.894064	-1.789205	3.914299
Ti	6.611093	-3.113090	4.359494
O	6.462266	0.425593	5.767355
O	5.736134	-4.919383	8.480453
O	4.514744	-1.919976	8.193593
Ti	2.939894	-0.654524	7.813155
O	9.086813	0.176064	5.988321
O	3.234222	-0.965358	6.038333
O	5.023216	-2.159949	3.819913
Ti	3.320195	-1.213125	4.173943
Ti	5.230655	2.642649	7.941870
O	7.054723	1.766227	8.344917
O	4.247973	0.686443	4.313473
O	3.962619	3.340683	4.173930
O	5.806397	2.928436	6.150720
Ti	5.614922	2.035585	4.482421
O	7.382088	1.363792	3.385071
O	3.976722	1.081796	8.152626
Ti	-0.950478	3.484116	4.886656
O	-1.006108	4.401215	6.492996
Ti	-1.263951	2.932049	7.783329
O	-1.364036	1.850298	6.077297
O	0.479132	3.419746	8.690929
O	0.757656	2.932888	4.229728
O	1.624657	0.206944	3.920016
Ti	2.550804	1.963852	4.480781

O	2.137909	2.245847	6.250615
O	1.240938	0.646049	8.011022
Ti	2.198896	2.592444	8.110979
O	3.702065	3.772397	8.140502
Ti	5.419410	-6.096212	13.503568
O	5.494949	-7.084011	11.932695
Ti	5.738768	-5.671136	10.585768
O	5.867271	-4.516337	12.240021
O	4.000886	-6.211936	9.685884
O	3.678666	-5.548723	14.070057
O	2.871127	-2.784361	14.238669
Ti	1.872783	-4.550372	13.807700
O	2.304662	-5.006424	12.058053
O	3.269082	-3.441445	10.218241
Ti	2.252020	-5.364813	10.220775
O	0.742370	-6.542261	10.179345
O	0.527308	-3.838275	10.063829
O	0.203539	-3.242085	13.932326
O	0.459446	-5.898546	14.214427
O	-1.295067	-5.532667	12.145308
Ti	-1.153836	-4.600417	13.818929
O	-2.967294	-3.900854	14.916160
Ti	-0.751533	-5.366744	10.331603
O	-2.572413	-4.534984	9.886942
Ti	-3.358780	-2.949334	10.769435
Ti	-3.495023	-2.628383	13.639806
O	-2.715486	-1.321573	10.339337
Ti	-1.521310	0.276946	10.566440
O	-2.757091	0.591072	12.012516
O	-3.506205	-0.897764	14.337314
Ti	-2.279512	0.439472	13.769750
O	-2.051742	-3.100295	12.480196
O	-1.241378	2.126968	9.851581
O	-0.014235	-0.847264	10.029387
Ti	1.569195	-2.109285	10.361110
O	-4.673501	-2.896465	12.199062
O	1.343894	-1.833823	12.143870
O	-0.577277	-0.403990	14.295358
Ti	1.165178	-1.327584	13.960018
O	-1.719850	2.203503	14.146723
O	7.600860	-5.658555	10.102894
Ti	9.239994	-0.506045	13.480748
Ti	9.376682	-0.826783	10.610019
O	8.597269	-2.134194	13.910360
Ti	7.403005	-3.732510	13.683662
O	8.637233	-4.046004	12.236329
O	9.388367	-2.557355	9.911691
Ti	8.160657	-3.894436	10.478936
O	7.932963	-0.355347	11.769492
O	7.122484	-5.582702	14.398398
O	5.896193	-2.608079	14.221214
Ti	4.311565	-1.347741	13.888940

O	10.554782	-0.558114	12.051072
O	4.537504	-1.623890	12.106158
O	6.458593	-3.051459	9.953079
Ti	4.715590	-2.128951	10.289837
Ti	6.631990	1.910354	13.918290
O	8.453263	1.078844	14.363023
O	5.677224	-0.214016	10.317168
O	5.421276	2.441984	10.035163
O	7.175393	2.076137	12.104342
Ti	7.034357	1.143898	10.430903
O	8.848085	0.445116	9.333349
O	5.353559	0.381458	14.185776
Ti	0.461816	2.640910	10.746551
O	0.386369	3.628614	12.317553
Ti	0.142214	2.215592	13.664126
O	0.013447	1.060636	12.010003
O	1.880461	2.756570	14.563937
O	2.202076	2.092878	10.180297
O	3.010009	-0.672433	10.011315
Ti	4.007930	1.093795	10.441707
O	3.575816	1.548998	12.191527
O	2.612215	-0.015350	14.031576
Ti	3.628604	1.908057	14.028634
O	5.138214	3.085670	14.070081
Ti	6.829850	-6.938875	19.363804
O	6.885875	-7.856170	17.757661
Ti	7.144752	-6.387384	16.466902
O	7.244225	-5.305437	18.173136
O	5.401672	-6.875338	15.559324
O	5.121633	-6.388124	20.020261
O	4.253067	-3.663013	20.330579
Ti	3.328586	-5.419496	19.769399
O	3.740715	-5.701165	17.999486
O	4.639685	-4.102574	16.239391
Ti	3.681491	-6.048910	16.138893
O	2.178748	-7.229072	16.108946
O	1.904659	-4.538396	16.097081
O	1.631146	-4.142690	19.936649
O	1.916655	-6.795946	20.076449
O	0.073839	-6.384587	18.098833
Ti	0.264526	-5.491011	19.767119
O	-1.502916	-4.819140	20.865574
Ti	0.649812	-6.099259	16.307511
O	-1.174005	-5.222517	15.904597
Ti	-1.915363	-3.639499	16.812187
Ti	-1.997511	-3.426451	19.685384
O	-1.332354	-1.970349	16.418841
Ti	-0.126633	-0.383110	16.557430
O	-1.183198	-0.064506	18.136290
O	-2.013986	-1.666513	20.337300
Ti	-0.730388	-0.339893	19.888285
O	-0.582262	-3.881918	18.482220

O	0.145315	1.463627	15.768572
O	1.365566	-1.536747	16.056029
Ti	2.940552	-2.802310	16.437014
O	-3.206462	-3.630741	18.262097
O	2.646778	-2.489818	18.211513
O	0.856641	-1.294571	20.428968
Ti	2.558973	-2.242558	20.075853
O	-0.053158	1.439831	20.231476
O	9.006338	-6.348910	15.982316
Ti	10.564399	-1.276068	19.438522
Ti	10.776365	-1.521411	16.582577
O	9.894599	-2.891400	19.786514
Ti	8.785304	-4.567011	19.626058
O	10.012282	-4.798696	18.145733
O	10.798447	-3.234487	15.860521
Ti	9.567180	-4.594007	16.394841
O	9.299023	-1.090960	17.719646
O	8.590130	-6.499668	20.215890
O	7.206042	-3.649362	20.336512
Ti	5.760536	-2.314550	19.972327
O	11.922092	-1.276062	18.064032
O	5.938442	-2.391268	18.167547
O	7.841433	-3.749829	15.947319
Ti	6.110447	-2.815652	16.322975
Ti	7.900162	1.067974	19.910298
O	9.786753	0.289282	20.307919
O	7.022358	-0.901370	16.363519
O	6.779721	1.731689	16.049393
O	8.493071	1.339140	18.123975
Ti	8.395830	0.442337	16.437452
O	10.271468	-0.197058	15.354001
O	6.712204	-0.517786	20.175695
Ti	1.855184	2.037469	16.589487
O	1.812571	3.063779	18.168647
Ti	1.627753	1.639329	19.455788
O	1.482226	0.464623	17.879238
O	3.061446	1.612902	20.705568
O	3.628228	1.510688	16.128863
O	4.382467	-1.354583	16.082346
Ti	5.351776	0.426920	16.498435
O	4.786576	0.773708	18.255576
O	4.035822	-0.982601	20.232406
Ti	4.916051	0.919495	20.116140
O	6.381899	2.178291	20.092386
Ti	8.205532	-7.186041	25.034381
O	8.499675	-8.490753	23.681508
Ti	8.569012	-7.317723	22.193334
O	8.129403	-5.866933	23.509199
O	6.824168	-7.848776	21.350393
O	6.779033	-7.261652	26.164838
O	5.808795	-4.717698	26.582900
Ti	5.028068	-6.455914	25.818188

O	5.198375	-6.808508	23.989267
O	5.928158	-5.020136	22.310174
Ti	5.156471	-6.993669	22.090371
O	3.680922	-8.179249	21.906456
O	3.328197	-5.476165	22.109801
O	3.418346	-5.012841	25.540715
O	3.512981	-7.458590	26.348247
O	1.712972	-7.481907	23.908949
Ti	2.116794	-6.484266	25.440082
O	0.559244	-6.146912	26.522027
Ti	2.145302	-7.057807	22.114498
O	0.271115	-6.200717	21.823903
Ti	-0.481740	-4.689082	22.826148
Ti	-0.158298	-4.660454	25.667629
O	-0.373796	-2.870190	22.425460
Ti	1.072991	-1.646017	22.713720
O	0.767732	-1.527576	24.580244
O	-0.002027	-3.109581	26.693237
Ti	1.309162	-1.746498	26.332628
O	1.082141	-4.743357	24.201066
O	1.452949	0.218015	22.434722
O	2.612173	-2.680623	22.191851
Ti	4.333294	-3.719267	22.552211
O	-1.561419	-4.861457	24.405067
O	4.436645	-2.924357	24.264154
O	2.852531	-2.614407	26.953951
Ti	4.344629	-3.297313	26.058158
O	1.886552	0.041012	26.704644
O	10.498629	-7.078768	22.001832
Ti	11.793624	-2.248926	25.545901
Ti	12.030820	-2.462614	22.750097
O	11.756523	-3.802090	26.564810
Ti	10.399880	-5.103595	26.144581
O	11.000061	-5.307697	24.352451
O	12.314182	-4.136866	22.021698
Ti	10.884537	-5.334561	22.500953
O	10.585526	-2.510552	24.031915
O	9.724958	-6.874342	26.096918
O	8.898082	-4.327111	26.899411
Ti	7.349358	-3.470599	26.197543
O	13.170072	-2.056914	24.225383
O	7.408967	-3.579978	24.393423
O	9.381195	-4.434461	21.724646
Ti	7.560649	-3.858718	22.486725
Ti	9.431464	-0.216889	25.826655
O	11.176495	-0.751780	26.443074
O	8.393903	-1.870615	22.387098
O	8.074013	0.849799	22.025828
O	9.898438	0.255118	24.048376
Ti	9.597416	-0.438221	22.319303
O	11.424006	-1.168136	21.529010
O	8.381835	-1.737494	26.226319

Ti	3.161287	0.855265	22.892846
O	3.072442	2.013394	24.398486
Ti	3.366778	0.617088	25.692920
O	3.527840	-0.565179	24.243060
O	4.978885	0.670106	26.652504
O	5.026704	0.638285	22.230621
O	5.846431	-2.309072	22.164967
Ti	6.628530	-0.487321	22.553626
O	6.682355	-0.289618	24.397203
O	5.841232	-2.095987	26.798361
Ti	6.549000	-0.310852	26.269341
O	8.108367	0.820905	26.653732

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Ti	2.724855	-4.298861	1.375090
O	2.822382	-5.450473	-0.136730
Ti	2.532079	-4.050116	-1.425372
O	2.371374	-2.872091	0.027474
O	0.916099	-4.096741	-2.379071
O	0.863892	-4.086050	2.043051
O	0.038463	-1.146202	2.150526
Ti	-0.745425	-2.961897	1.740291
O	-0.790730	-3.157299	-0.106113
O	0.045383	-1.329796	-2.486612
Ti	-0.653997	-3.121858	-1.976244
O	-2.213018	-4.243286	-2.380187
O	-2.498421	-1.693189	-1.902856
O	-2.507556	-1.575820	1.922053
O	-2.191815	-4.292815	2.256017
O	-4.000592	-3.718893	0.243959
Ti	-3.722842	-2.999717	1.970921
O	-5.555174	-2.300514	2.796630
Ti	-3.536828	-3.226264	-1.526774
O	-5.289771	-2.687212	-2.126155
Ti	-5.893075	-1.198368	-1.206973
Ti	-6.161538	-0.995223	1.589675
O	-5.843400	0.366846	-2.204447
Ti	-4.486907	1.676572	-1.795360
O	-5.086783	1.845678	0.002557
O	-6.440722	0.681285	2.314106
Ti	-5.003449	1.877508	1.854372
O	-4.695700	-0.985537	0.329632
O	-3.820384	3.446530	-1.726863
O	-2.999241	0.906375	-2.576600
Ti	-1.460701	0.036003	-1.865560
O	-7.285475	-1.382184	0.098856
O	-1.541904	0.141238	-0.062834
O	-3.506713	0.970175	2.623071
Ti	-1.682075	0.407931	1.850006
O	-4.614703	3.620602	2.358977
O	4.007189	-3.465263	-2.439769
Ti	6.387249	1.231916	1.497267

Ti	6.057612	1.224842	-1.346088
O	6.277214	-0.591463	1.868290
Ti	4.816913	-1.799102	1.570297
O	5.130074	-1.917341	-0.294739
O	5.898098	-0.315467	-2.385921
Ti	4.581268	-1.679484	-2.043080
O	4.819456	1.296887	0.124177
O	4.431424	-3.662851	1.844571
O	3.279209	-0.768139	2.104797
Ti	1.548918	0.265983	1.776373
O	7.461941	1.422633	-0.085766
O	1.431382	-0.528576	0.062128
O	3.034462	-0.801873	-2.637317
Ti	1.541029	-0.136403	-1.726117
Ti	3.737944	3.592384	2.244282
O	5.614450	2.727048	2.512070
O	2.471804	1.566573	-1.184735
O	2.380960	4.015770	-1.984214
O	4.176596	4.025802	0.452756
Ti	3.778070	3.035094	-1.084078
O	5.329767	2.715267	-2.183313
O	2.554145	2.011784	2.236403
Ti	-2.299922	3.749243	-0.660895
O	-2.599356	5.041808	0.699201
Ti	-2.683970	3.856588	2.180981
O	-2.235476	2.418014	0.852230
O	-0.939657	4.383829	3.031276
O	-0.880455	3.831439	-1.798906
O	0.079550	1.288635	-2.234767
Ti	0.865742	3.017309	-1.452419
O	0.688505	3.360098	0.376265
O	-0.047510	1.565050	2.035989
Ti	0.724539	3.533847	2.280702
O	2.202919	4.714476	2.468706
Ti	4.059813	-5.505089	7.668271
O	4.104112	-6.525073	6.084599
Ti	4.277851	-5.096209	4.802720
O	4.430033	-3.928137	6.385284
O	2.840494	-5.072863	3.560113
O	2.280883	-4.995061	8.135260
O	1.524183	-2.137516	8.202444
Ti	0.556151	-3.913516	7.773802
O	1.112929	-4.261819	6.014439
O	1.864029	-2.494164	4.055912
Ti	0.980588	-4.395135	4.153003
O	-0.488498	-5.651515	4.165081
O	-0.817182	-2.958433	4.116981
O	-1.121162	-2.594475	7.938649
O	-0.869142	-5.228072	8.218126
O	-2.590729	-4.827319	6.149138
Ti	-2.489296	-3.944594	7.845880
O	-4.364913	-3.317389	8.943627

Ti	-2.007375	-4.541961	4.363829
O	-3.896867	-3.759130	3.974746
Ti	-4.674474	-2.210801	4.874311
Ti	-4.874030	-1.984132	7.731238
O	-4.019193	-0.586777	4.544084
Ti	-2.901308	1.082356	4.722824
O	-4.132953	1.311415	6.201201
O	-4.891641	-0.278286	8.472695
Ti	-3.675306	1.097505	7.947887
O	-3.401445	-2.405865	6.583997
O	-2.704503	3.018993	4.146298
O	-1.329485	0.161910	3.998095
Ti	0.131279	-1.161764	4.341727
O	-6.027536	-2.221047	6.255559
O	-0.034400	-1.107617	6.147017
O	-1.930885	0.275694	8.378876
Ti	-0.212059	-0.675183	7.990952
O	-3.116508	2.846362	8.383427
O	5.957498	-4.888773	4.025886
Ti	7.833317	0.162421	7.486990
Ti	7.915893	-0.039739	4.614059
O	7.250262	-1.510358	7.864346
Ti	6.046109	-3.096367	7.711766
O	7.099500	-3.406416	6.128253
O	7.936997	-1.793722	3.948549
Ti	6.639539	-3.111629	4.380611
O	6.496751	0.404860	5.817828
O	5.764747	-4.943714	8.497840
O	4.547306	-1.951921	8.216012
Ti	2.964324	-0.678164	7.860572
O	9.125429	0.165547	6.037364
O	3.251321	-0.997063	6.085102
O	5.052044	-2.152600	3.844934
Ti	3.336240	-1.234731	4.218731
Ti	5.244827	2.608491	8.018514
O	7.077791	1.737972	8.399297
O	4.265803	0.665804	4.386250
O	3.978297	3.318093	4.273108
O	5.826687	2.905751	6.230883
Ti	5.635405	2.011017	4.562283
O	7.412210	1.356214	3.443948
O	3.998642	1.045751	8.219650
Ti	-0.941974	3.441585	5.007880
O	-0.991165	4.341899	6.620712
Ti	-1.249680	2.864642	7.907992
O	-1.363186	1.799042	6.177790
O	0.498515	3.366232	8.807120
O	0.763533	2.896192	4.336860
O	1.638806	0.186410	3.997624
Ti	2.568232	1.935992	4.578881
O	2.164674	2.223116	6.347878
O	1.257092	0.611230	8.076451

Ti	2.216511	2.559806	8.214496
O	3.719086	3.740294	8.237698
Ti	5.452303	-6.171613	13.527843
O	5.526807	-7.151950	11.948157
Ti	5.766615	-5.737132	10.603627
O	5.901550	-4.594995	12.265944
O	4.035932	-6.257527	9.681694
O	3.705076	-5.652779	14.104700
O	2.916520	-2.879147	14.232366
Ti	1.904451	-4.648209	13.823552
O	2.351811	-5.100493	12.074744
O	3.303405	-3.495368	10.233028
Ti	2.287318	-5.414736	10.233504
O	0.777361	-6.595679	10.185340
O	0.558380	-3.893261	10.091124
O	0.234667	-3.339610	13.955402
O	0.486357	-5.987958	14.250068
O	-1.264430	-5.615473	12.159609
Ti	-1.120368	-4.705780	13.842928
O	-2.956814	-4.032130	14.924174
Ti	-0.715546	-5.423897	10.347080
O	-2.542579	-4.597157	9.914318
Ti	-3.317788	-3.013372	10.807487
Ti	-3.458507	-2.719149	13.672401
O	-2.677571	-1.377884	10.396154
Ti	-1.485308	0.217398	10.656588
O	-2.740664	0.521293	12.088075
O	-3.465512	-1.002941	14.399451
Ti	-2.255452	0.358560	13.842639
O	-2.013932	-3.181092	12.511796
O	-1.217449	2.078977	9.969537
O	0.019916	-0.897479	10.085984
Ti	1.606001	-2.166403	10.388144
O	-4.637877	-2.968173	12.232328
O	1.378485	-1.939953	12.172731
O	-0.530554	-0.469842	14.330790
Ti	1.192457	-1.425206	13.987112
O	-1.691859	2.111075	14.250855
O	7.623840	-5.718103	10.106979
Ti	9.272526	-0.581212	13.505541
Ti	9.404523	-0.880513	10.631435
O	8.640590	-2.220620	13.923359
Ti	7.446511	-3.814972	13.701910
O	8.667938	-4.135274	12.248553
O	9.417358	-2.612584	9.933874
Ti	8.191647	-3.956255	10.493259
O	7.964162	-0.414178	11.795824
O	7.155750	-5.665052	14.426726
O	5.942130	-2.686709	14.232218
Ti	4.347751	-1.418523	13.899065
O	10.586086	-0.624902	12.070374
O	4.591523	-1.707646	12.123682

O	6.504494	-3.090439	9.965343
Ti	4.754345	-2.176900	10.301349
Ti	6.671147	1.844821	13.949469
O	8.505248	1.008336	14.374017
O	5.709114	-0.258486	10.359609
O	5.446291	2.396489	10.104992
O	7.223868	2.040488	12.142417
Ti	7.067224	1.102148	10.475681
O	8.886138	0.414033	9.370996
O	5.408282	0.300323	14.206991
Ti	0.495175	2.565193	10.869600
O	0.439909	3.523097	12.453045
Ti	0.182365	2.098271	13.797993
O	0.041143	0.969882	12.098174
O	1.911095	2.630833	14.710110
O	2.232300	2.032530	10.270811
O	3.044433	-0.722099	10.058212
Ti	4.039672	1.039298	10.523762
O	3.625565	1.471721	12.276545
O	2.644431	-0.114194	14.055421
Ti	3.641953	1.823269	14.131884
O	5.159024	2.993735	14.162183
Ti	6.854936	-6.884005	19.443162
O	6.910749	-7.842287	17.860189
Ti	7.168021	-6.418019	16.514620
O	7.309247	-5.289146	18.214419
O	5.439582	-6.949845	15.602749
O	5.117790	-6.352264	20.042196
O	4.305638	-3.597586	20.254347
Ti	3.310505	-5.359286	19.788802
O	3.724416	-5.791149	18.036081
O	4.706231	-4.205203	16.256779
Ti	3.708199	-6.142774	16.180525
O	2.191325	-7.313358	16.150595
O	1.941302	-4.620092	16.105687
O	1.640636	-4.061965	19.952774
O	1.903793	-6.716281	20.207553
O	0.126001	-6.360473	18.170216
Ti	0.282970	-5.421792	19.836796
O	-1.536004	-4.733344	20.941276
Ti	0.678998	-6.164361	16.363217
O	-1.155143	-5.327801	15.938697
Ti	-1.922094	-3.737712	16.806873
Ti	-2.054071	-3.438603	19.680839
O	-1.289751	-2.098468	16.389332
Ti	-0.095775	-0.503865	16.610814
O	-1.317966	-0.183427	18.063827
O	-2.066429	-1.706519	20.379173
Ti	-0.841413	-0.362730	19.819030
O	-0.613978	-3.905519	18.516470
O	0.194954	1.346204	15.885854
O	1.408103	-1.632705	16.080073

Ti	3.002158	-2.901494	16.413226
O	-3.235778	-3.693405	18.242003
O	2.758166	-2.611697	18.188601
O	0.846082	-1.228178	20.346898
Ti	2.595662	-2.142735	20.010853
O	-0.273096	1.399226	20.204964
O	9.042234	-6.430162	16.061628
Ti	10.667916	-1.305781	19.505414
Ti	10.808724	-1.600118	16.640250
O	10.028177	-2.941570	19.916482
Ti	8.835854	-4.536403	19.656383
O	10.090608	-4.840656	18.224345
O	10.816185	-3.316332	15.913707
Ti	9.605593	-4.677633	16.469765
O	9.363876	-1.138944	17.800491
O	8.567868	-6.398123	20.343396
O	7.330426	-3.421975	20.226832
Ti	5.744109	-2.153338	19.924359
O	11.987926	-1.350239	18.080441
O	5.971080	-2.379991	18.139707
O	7.880862	-3.848861	15.981777
Ti	6.157352	-2.894376	16.325259
Ti	8.065704	1.103996	19.965805
O	9.892793	0.277417	20.398241
O	7.115319	-0.979361	16.357289
O	6.863965	1.668232	16.062709
O	8.614822	1.295687	18.152983
Ti	8.470691	0.385978	16.470030
O	10.307019	-0.287159	15.388565
O	6.791288	-0.426592	20.220931
Ti	1.898014	1.853168	16.784532
O	1.824275	2.832894	18.364853
Ti	1.584070	1.417734	19.708941
O	1.448969	0.276138	18.046275
O	3.314735	1.938500	20.624513
O	3.645092	1.333112	16.207717
O	4.433865	-1.440372	16.079924
Ti	5.446040	0.328409	16.488974
O	4.997842	0.781265	18.237665
O	4.046512	-0.824345	20.079195
Ti	5.062992	1.094996	20.079031
O	6.572955	2.275986	20.127200
Ti	8.291969	-7.760508	25.305403
O	8.341540	-8.661148	23.692591
Ti	8.599915	-7.184195	22.405100
O	8.713284	-6.118356	24.135257
O	6.851964	-7.685341	21.506168
O	6.586235	-7.216041	25.976080
O	5.713697	-4.506035	26.315233
Ti	4.781327	-6.256141	25.734210
O	5.184746	-6.542836	23.964927
O	6.092518	-4.931139	22.236594

Ti	5.133366	-6.879871	22.098464
O	3.630713	-8.059954	22.075116
O	3.350560	-5.365331	22.093050
O	3.083742	-4.983969	25.926122
O	3.371265	-7.638141	26.039413
O	1.522836	-7.225531	24.081534
Ti	1.714142	-6.331131	25.750293
O	-0.062733	-5.675393	26.868103
Ti	2.104814	-6.928390	22.294167
O	0.272001	-6.057407	21.913029
Ti	-0.483098	-4.481400	22.825219
Ti	-0.566040	-4.279616	25.698195
O	0.100577	-2.808885	22.447631
Ti	1.304559	-1.222399	22.600448
O	0.250047	-0.913039	24.183232
O	-0.586264	-2.525510	26.362802
Ti	0.710576	-1.206882	25.930856
O	0.853218	-4.724447	24.494157
O	1.585242	0.624737	21.814262
O	2.803017	-2.367554	22.096189
Ti	4.385507	-3.641294	22.451805
O	-1.775184	-4.483981	24.274815
O	4.098365	-3.322219	24.227041
O	2.297981	-2.166144	26.467196
Ti	4.013126	-3.085159	26.093479
O	1.392211	0.569792	26.286064
O	10.466701	-7.165247	21.929384
Ti	12.024709	-2.108520	25.439707
Ti	12.224361	-2.334996	22.582832
O	11.369847	-3.732933	25.769505
Ti	10.251619	-5.401696	25.590821
O	11.482516	-5.630221	24.112012
O	12.242364	-4.041136	21.841841
Ti	11.025316	-5.416440	22.365253
O	10.751728	-1.914530	23.729901
O	10.054782	-7.338410	26.166943
O	8.678884	-4.481988	26.314963
Ti	7.217909	-3.158626	25.971269
O	13.377811	-2.097621	24.058596
O	7.385060	-3.212714	24.166163
O	9.281121	-4.594873	21.933815
Ti	7.561680	-3.644754	22.322026
Ti	9.356890	0.222565	25.948636
O	11.246281	-0.560600	26.338949
O	8.471576	-1.727115	22.374498
O	8.219680	0.908314	22.094371
O	9.940873	0.507302	24.163739
Ti	9.839560	-0.375223	22.467143
O	11.714778	-1.002729	21.370038
O	8.166785	-1.361824	26.195899
Ti	3.291470	1.186478	22.644202
O	3.246618	2.206046	24.228096

Ti	3.072310	0.776905	25.509183
O	2.919753	-0.391107	23.926828
O	4.509918	0.753814	26.755008
O	5.069391	0.675283	22.177083
O	5.822072	-2.183254	22.110042
Ti	6.794062	-0.406247	22.538400
O	6.236963	-0.058546	24.297745
O	5.486428	-1.825800	26.256398
Ti	6.369245	0.074970	26.158913
O	7.838323	1.331602	26.146817
Ti	9.650121	-8.068229	30.974292
O	9.950142	-9.360881	29.614462
Ti	10.034120	-8.176006	28.132408
O	9.585029	-6.737404	29.460743
O	8.289596	-8.702622	27.282274
O	8.229392	-8.150440	32.110705
O	7.268798	-5.608341	32.547919
Ti	6.482102	-7.336651	31.765357
O	6.659173	-7.679517	29.936711
O	7.397203	-5.884559	28.276920
Ti	6.624673	-7.853499	28.032310
O	5.146548	-9.034253	27.843845
O	4.794854	-6.331634	28.076496
O	4.876250	-5.886459	31.497011
O	4.967290	-8.334649	32.297411
O	3.171880	-8.346031	29.859694
Ti	3.570855	-7.354604	31.396340
O	2.018016	-7.035119	32.495685
Ti	3.611231	-7.912158	28.068148
O	1.734746	-7.046985	27.800434
Ti	0.962340	-5.551509	28.814935
Ti	1.290903	-5.543937	31.658204
O	1.073300	-3.728460	28.443600
Ti	2.532941	-2.519458	28.741827
O	2.218507	-2.401189	30.606670
O	1.450942	-4.003756	32.697906
Ti	2.767507	-2.639247	32.355004
O	2.529555	-5.616703	30.188479
O	2.918873	-0.655698	28.467754
O	4.070435	-3.550637	28.207643
Ti	5.799774	-4.585887	28.537157
O	-0.113190	-5.741444	30.397741
O	5.917496	-3.790465	30.250129
O	4.314154	-3.516755	32.949911
Ti	5.807035	-4.183509	32.038706
O	3.341727	-0.853382	32.751610
O	11.964723	-7.938307	27.955091
Ti	13.241642	-3.120343	31.521705
Ti	13.510981	-3.323005	28.725060
O	13.192174	-4.686390	32.518799
Ti	11.835799	-5.995749	32.110136
O	12.434812	-6.163733	30.311589

O	13.790495	-5.000019	28.000761
Ti	12.352174	-6.196894	28.459623
O	12.044746	-3.332973	29.984578
O	11.170306	-7.765930	32.041261
O	10.347562	-5.225847	32.890497
Ti	8.809117	-4.356211	32.178410
O	14.634588	-2.936854	30.216228
O	8.890773	-4.461205	30.376821
O	10.856275	-5.288642	27.690347
Ti	9.030940	-4.727348	28.463127
Ti	10.885504	-1.093285	31.839836
O	12.637638	-1.632267	32.440390
O	9.858472	-2.743279	28.391196
O	9.540774	-0.026731	28.056896
O	11.349391	-0.600017	30.069301
Ti	11.071623	-1.319397	28.342604
O	12.904673	-2.018560	27.517810
O	9.846798	-2.626236	32.215315
Ti	4.624518	-0.019613	28.937355
O	4.527729	1.131830	30.449462
Ti	4.817248	-0.269070	31.737677
O	4.977795	-1.446844	30.284755
O	6.432979	-0.223076	32.692096
O	6.485743	-0.233002	28.269312
O	7.313665	-3.173329	28.162240
Ti	8.094354	-1.357797	28.572589
O	8.139424	-1.162624	30.418959
O	7.303197	-2.990241	32.799977
Ti	8.002308	-1.198608	32.288942
O	9.561288	-0.076324	32.693162

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Ti	-1.349698	4.434757	2.039150
O	-1.553785	4.343507	0.206028
O	-3.390535	4.807056	-1.891553
Ti	-1.513532	4.700245	-1.675295
O	-0.266745	6.132170	-1.951921
O	0.029519	5.758522	2.244344
O	-0.415490	3.001709	2.802412
Ti	0.423847	1.494015	2.080774
O	0.397634	1.550300	0.219163
O	-0.565868	3.089209	-2.242997
Ti	0.324864	1.432436	-1.666424
O	1.129553	-0.584867	-1.719961
O	1.192265	-0.430706	2.589870
Ti	1.614087	5.460289	1.306431
O	2.029118	6.853531	0.032058
Ti	1.547622	5.820697	-1.470581
O	1.229033	4.358165	-0.178079
O	3.073864	4.698949	-2.144220
O	3.031508	4.697091	2.279048
O	2.377077	1.872393	2.472628

Ti	3.880640	3.041092	1.959465
O	3.980784	2.949552	0.077303
O	2.302539	1.784625	-2.122185
Ti	3.884743	2.971475	-1.765164
O	5.846421	3.348404	-2.234994
O	4.719255	0.868087	-1.856037
O	4.723620	0.873178	1.951545
O	5.800539	3.194997	2.342319
O	7.113335	1.785418	-0.196687
Ti	6.433275	1.610048	1.567202
O	7.500777	0.169783	2.233460
Ti	6.503250	1.456141	-1.939912
O	7.334156	-0.322350	-2.571098
Ti	7.049570	-1.758573	-1.352847
Ti	7.075975	-1.462013	1.431728
O	6.401134	-3.446102	-1.835018
Ti	4.568728	-3.669000	-1.409429
O	4.405211	-3.578025	0.448025
O	6.319891	-2.811684	2.462609
Ti	4.442909	-3.238523	2.305291
O	5.852971	-1.066938	-0.022104
O	3.496575	-5.099832	-1.977448
O	3.802771	-2.117426	-2.188888
Ti	3.046297	-0.331711	-1.713347
O	8.295375	-2.005046	0.059952
O	2.993838	-0.485659	0.180672
O	3.719183	-1.663678	2.921483
Ti	3.034713	-0.163468	1.986654
Ti	-7.081856	1.355149	1.373703
Ti	-7.422667	1.543980	-1.397212
O	-6.277256	2.734739	2.318262
Ti	-4.400954	3.097587	2.055971
O	-4.404819	3.313039	0.225102
O	-6.510675	3.124689	-1.901335
Ti	-4.624592	3.374162	-1.676992
O	-6.061575	0.843308	-0.153758
O	-3.133577	4.355326	2.686699
O	-3.782958	1.468895	2.766031
Ti	-2.988414	0.062362	1.857262
O	-8.455245	1.902483	0.148151
O	-2.748690	0.470808	0.067202
O	-3.889109	1.653227	-2.222514
Ti	-3.158572	-0.104644	-1.672070
Ti	-6.368711	-1.695352	1.576302
O	-7.322756	-0.246953	2.333188
O	-4.806763	-1.260327	-1.951277
O	-5.865953	-3.754014	-1.915579
O	-7.222370	-2.138989	-0.006475
Ti	-6.606628	-2.018601	-1.799740
O	-7.746760	-0.276373	-2.148799
O	-4.568354	-1.086281	1.395741
Ti	-1.327733	-5.600123	-1.427489

O	-1.939633	-6.670323	-0.004448
Ti	-1.480962	-5.401300	1.363876
O	-1.015998	-4.205318	-0.122509
O	-2.823225	-4.719444	2.421166
O	-2.757268	-5.025098	-2.572164
O	-2.394894	-2.146138	-1.819550
Ti	-3.958451	-3.489466	-1.838595
O	-3.852753	-3.564823	0.039758
O	-2.368662	-1.935539	2.456966
Ti	-3.822421	-3.159072	1.878710
O	-5.650817	-3.194255	2.482646
O	-1.165490	0.345375	2.544033
O	-1.242503	0.213864	-2.144654
Ti	1.683223	-4.894813	-1.477473
O	1.798069	-4.554824	0.364163
O	3.215728	-4.529566	2.947338
Ti	1.464307	-4.552607	2.221590
O	0.077967	-5.861325	2.284763
O	0.404447	-6.234534	-1.843102
O	0.764615	-3.372362	-2.170351
Ti	-0.440694	-1.871513	-1.641608
O	-0.353091	-1.670553	0.279753
O	0.510329	-3.090043	2.830021
Ti	-0.399351	-1.586480	2.105068
Ti	-2.562262	6.400575	-4.636824
O	-2.677232	6.062384	-6.478666
O	-4.095059	6.036508	-9.062147
Ti	-2.343571	6.060120	-8.335365
O	-0.957116	7.367996	-8.399751
O	-1.283217	7.741430	-4.270884
O	-1.645862	4.878956	-3.944938
Ti	-0.439695	3.376408	-4.473009
O	-0.515753	3.176412	-6.394403
O	-1.390475	4.596641	-8.944974
Ti	-0.480720	3.089369	-8.219587
O	0.285347	1.160763	-8.658592
O	0.362311	1.291272	-3.970323
Ti	0.448689	7.106580	-4.687313
O	1.060434	8.177367	-6.110380
Ti	0.601959	6.908421	-7.478792
O	0.136830	5.712474	-5.992735
O	1.943721	6.226093	-8.536053
O	1.878569	6.531580	-3.542859
O	1.514808	3.651569	-4.295729
Ti	3.078125	4.995204	-4.276362
O	2.972390	5.070211	-6.154858
O	1.488324	3.441544	-8.571596
Ti	2.940832	4.664755	-7.993784
O	4.770872	4.700117	-8.598102
O	3.688025	2.592375	-7.510187
O	3.926613	2.766013	-4.163708
O	4.985728	5.259999	-4.199682

O	6.342363	3.644866	-6.108577
Ti	5.726181	3.524576	-4.315316
O	6.866666	1.782472	-3.966211
Ti	5.488340	3.201403	-7.691217
O	6.442375	1.753127	-8.448272
Ti	6.202173	0.151093	-7.488875
Ti	6.543737	-0.037678	-4.717910
O	5.398092	-1.228799	-8.433252
Ti	3.521588	-1.590999	-8.171749
O	3.525441	-1.806762	-6.339555
O	5.631701	-1.618999	-4.213901
Ti	3.745765	-1.867918	-4.438211
O	5.181733	0.662362	-5.962287
O	2.254311	-2.848473	-8.801413
O	2.903778	0.037509	-8.881564
Ti	2.107996	1.445952	-7.972110
O	7.575777	-0.396028	-6.262044
O	1.868144	1.034346	-6.182223
O	3.009722	-0.147363	-3.892365
Ti	2.278440	1.610207	-4.442942
Ti	-7.928905	3.264836	-4.761688
Ti	-7.955269	2.968422	-7.546388
O	-7.280593	4.952335	-4.278692
Ti	-5.445734	5.175702	-4.704739
O	-5.284821	5.084629	-6.562772
O	-7.199144	4.317641	-8.577246
Ti	-5.322163	4.744804	-8.419765
O	-6.732499	2.572883	-6.092512
O	-4.375687	6.605981	-4.136853
O	-4.681841	3.623535	-3.926492
Ti	-3.925878	1.837435	-4.401546
O	-9.174612	3.511777	-6.174388
O	-3.873964	1.990415	-6.295600
O	-4.598692	3.170361	-9.035585
Ti	-3.914616	1.669529	-8.101695
Ti	-7.383315	0.049997	-4.175055
O	-8.214112	1.828471	-3.543950
O	-5.603902	0.632853	-8.067333
O	-6.680910	-1.688907	-8.457593
O	-7.993118	-0.279088	-5.918382
Ti	-7.313466	-0.103850	-7.682479
O	-8.380957	1.336641	-8.348085
O	-5.599245	0.637735	-4.258492
Ti	-2.493550	-3.953609	-7.421254
O	-2.908197	-5.346954	-6.146826
Ti	-2.426747	-4.314034	-4.644279
O	-2.108767	-2.851223	-5.936599
O	-3.953867	-3.193220	-3.970757
O	-3.911055	-3.191070	-8.393898
O	-3.257299	-0.366737	-8.587691
Ti	-4.760903	-1.535329	-8.074716
O	-4.861466	-1.443796	-6.192398

O	-3.182791	-0.279298	-3.992709
Ti	-4.764982	-1.465927	-4.350161
O	-6.726698	-1.842429	-3.880054
O	-2.009614	2.089667	-4.394662
O	-2.072384	1.936464	-8.705163
Ti	0.470182	-2.927616	-8.154954
O	0.674438	-2.835424	-6.319693
O	2.511761	-3.301065	-4.223732
Ti	0.634740	-3.193909	-4.439847
O	-0.612027	-4.625631	-4.163885
O	-0.908810	-4.251717	-8.358466
O	-0.464028	-1.495877	-8.917787
Ti	-1.303970	0.012177	-8.196007
O	-1.277660	-0.045086	-6.335264
O	-0.313914	-1.583584	-3.871356
Ti	-1.205204	0.074030	-4.448799

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Ti	-1.367863	4.403897	2.140568
O	-1.609954	4.215393	0.319477
O	-3.410428	4.741101	-1.863088
Ti	-1.555982	4.589426	-1.557867
O	-0.310800	6.015305	-1.795927
O	0.016685	5.738536	2.221384
O	-0.375990	3.055824	2.979339
Ti	0.450548	1.528704	2.281692
O	0.460999	1.546401	0.416854
O	-0.634494	2.945526	-2.069610
Ti	0.302054	1.311782	-1.457051
O	1.072801	-0.700450	-1.561640
O	1.215250	-0.347172	2.906004
Ti	1.609430	5.404240	1.304834
O	2.023785	6.761825	-0.008208
Ti	1.529233	5.687014	-1.478655
O	1.265243	4.242820	-0.147588
O	3.150631	4.648147	-2.113085
O	3.034596	4.694703	2.302394
O	2.436097	1.881940	2.619169
Ti	3.899129	3.038110	2.013016
O	4.041920	2.924971	0.123970
O	2.303754	1.658689	-1.942261
Ti	3.910682	2.882195	-1.712278
O	5.859325	3.194453	-2.285593
O	4.705432	0.732084	-1.762513
O	4.719423	0.855974	1.937050
O	5.812120	3.189045	2.403626
O	7.107861	1.740833	-0.164367
Ti	6.423497	1.603775	1.605718
O	7.566009	0.273724	2.361614
Ti	6.487777	1.325330	-1.889129
O	7.475835	-0.369566	-2.484961
Ti	7.349568	-1.735545	-1.188315

Ti	7.283571	-1.401273	1.595418
O	6.755735	-3.401017	-1.747518
Ti	4.951627	-3.691875	-1.212592
O	4.933579	-3.753375	0.639366
O	6.551740	-2.713494	2.673645
Ti	4.683219	-3.214064	2.437726
O	6.071124	-1.104644	0.100497
O	4.010966	-5.071944	-1.994467
O	3.932729	-2.175118	-1.867672
Ti	3.001318	-0.433855	-1.488853
O	8.570775	-1.895540	0.261787
O	2.913800	-0.607049	0.391089
O	3.906730	-1.635574	3.026313
Ti	3.035993	-0.188268	2.182030
Ti	-7.099861	1.288365	1.352784
Ti	-7.498911	1.490079	-1.424832
O	-6.335986	2.681616	2.317041
Ti	-4.456862	3.090151	2.123721
O	-4.521784	3.406278	0.298303
O	-6.610964	3.125490	-1.846030
Ti	-4.735345	3.368951	-1.599183
O	-6.093573	0.806150	-0.194509
O	-3.156724	4.310434	2.778998
O	-3.862486	1.458646	2.857552
Ti	-2.971833	0.092985	1.965018
O	-8.512396	1.788890	0.151653
O	-2.798454	0.620702	0.200741
O	-4.057574	1.624419	-2.126221
Ti	-3.299890	-0.104762	-1.486119
Ti	-6.279209	-1.742306	1.577933
O	-7.254016	-0.305509	2.336207
O	-4.942225	-1.250970	-1.938442
O	-5.963831	-3.767264	-1.941234
O	-7.215820	-2.175318	0.027432
Ti	-6.710432	-2.033592	-1.802204
O	-7.857241	-0.311365	-2.195118
O	-4.484350	-1.112186	1.369076
Ti	-0.897285	-5.237831	-1.808679
O	-1.492440	-6.394747	-0.388846
Ti	-1.294756	-5.194966	1.043643
O	-0.987423	-3.793579	-0.228433
O	-2.639665	-4.713175	2.252634
O	-2.783857	-4.937245	-2.515590
O	-2.582217	-2.082255	-1.632789
Ti	-4.052335	-3.527674	-1.769984
O	-3.977987	-3.580478	0.099514
O	-2.354286	-1.899720	2.615954
Ti	-3.734786	-3.177157	1.940845
O	-5.557394	-3.184993	2.576690
O	-1.184650	0.436144	2.742500
O	-1.335361	0.190134	-1.944162
Ti	2.115960	-4.658659	-1.816572

O	2.112412	-4.121890	0.047035
O	3.317934	-4.439754	2.812615
Ti	1.659196	-4.330435	1.858426
O	0.322111	-5.651857	1.896963
O	0.899159	-6.047094	-1.969201
O	0.439905	-3.449381	-2.116299
Ti	-0.607195	-1.891046	-1.368827
O	-0.445411	-1.385950	0.508664
O	0.680955	-2.984957	2.726293
Ti	-0.385578	-1.487625	2.319378
Ti	-2.539134	6.407331	-4.321063
O	-2.770682	6.201950	-6.155774
O	-4.095854	6.529380	-8.583387
Ti	-2.134982	6.297625	-7.939886
O	-1.011796	7.921491	-8.256372
O	-1.124766	7.694418	-4.190135
O	-1.502359	4.858978	-3.849467
Ti	-0.481565	3.205784	-4.264163
O	-0.480493	3.157533	-6.160286
O	-1.245722	4.713954	-8.537480
Ti	-0.427731	2.986230	-8.002775
O	0.362719	0.968714	-7.992593
O	0.328685	1.142763	-3.805476
Ti	0.491547	7.038595	-4.869113
O	1.324769	8.299405	-6.073035
Ti	0.834386	7.414343	-7.663527
O	-0.033028	6.085208	-6.477635
O	2.251568	6.229593	-8.279836
O	1.757816	6.288252	-3.645572
O	1.466022	3.516112	-4.084521
Ti	3.064157	4.763923	-4.232898
O	2.899078	4.799511	-6.104858
O	1.548457	3.313403	-8.412829
Ti	3.114265	4.489151	-7.925090
O	5.079423	4.865771	-8.316763
O	3.946410	2.445015	-7.871129
O	3.914328	2.579634	-4.031766
O	5.007123	5.004511	-4.349904
O	6.395476	3.221332	-6.232108
Ti	5.727978	3.281286	-4.411705
O	6.849812	1.582460	-3.967961
Ti	5.760788	2.988539	-7.962293
O	6.482365	1.199048	-8.665133
Ti	6.245849	-0.274016	-7.453449
Ti	6.543075	-0.238041	-4.661715
O	5.568751	-1.902788	-8.095555
Ti	3.737277	-2.260374	-7.754189
O	3.665859	-2.490460	-5.927785
O	5.564410	-1.687559	-3.995293
Ti	3.674623	-2.108029	-4.064599
O	5.203065	0.339805	-6.006962
O	2.572766	-3.557432	-8.496835

O	2.988781	-0.590571	-8.351630
Ti	2.287560	1.215159	-7.955849
O	7.620818	-0.656634	-6.177054
O	2.299757	1.224812	-6.050987
O	2.837243	-0.411727	-3.718191
Ti	2.242908	1.441853	-4.243664
Ti	-8.004431	3.287738	-4.776423
Ti	-8.301902	3.250663	-7.568098
O	-7.327854	4.914771	-4.134071
Ti	-5.495568	5.272988	-4.475378
O	-5.424451	5.502552	-6.302093
O	-7.322885	4.699709	-8.234579
Ti	-5.432822	5.120753	-8.165221
O	-6.962139	2.671873	-6.223153
O	-4.331420	6.570012	-3.732457
O	-4.747393	3.602630	-3.878612
Ti	-4.048150	1.796702	-4.274090
O	-9.379383	3.669217	-6.052832
O	-4.059290	1.786266	-6.179123
O	-4.596340	3.423748	-8.511571
Ti	-4.002915	1.570131	-7.986218
Ti	-7.520428	0.025092	-4.267680
O	-8.241816	1.812781	-3.563818
O	-5.674065	0.432165	-8.198038
O	-6.767171	-1.992508	-7.880394
O	-8.155201	-0.209420	-5.997733
Ti	-7.487907	-0.269154	-7.818343
O	-8.609369	1.429782	-8.261851
O	-5.706091	0.566681	-4.358904
Ti	-2.250490	-4.026328	-7.360659
O	-3.082613	-5.286837	-6.156202
Ti	-2.592833	-4.401190	-4.566371
O	-1.727029	-3.071443	-5.752590
O	-4.011323	-3.217919	-3.949780
O	-3.516605	-3.275944	-8.584824
O	-3.225838	-0.504486	-8.145470
Ti	-4.824160	-1.752068	-7.997226
O	-4.659272	-1.788368	-6.125226
O	-3.308696	-0.301965	-3.817522
Ti	-4.873851	-1.477601	-4.304985
O	-6.839473	-1.853741	-3.913253
O	-2.122517	2.042847	-4.237308
O	-2.088675	1.869206	-8.424545
Ti	0.780157	-3.395024	-7.908115
O	1.011353	-3.187473	-6.073144
O	2.337813	-3.517185	-3.645957
Ti	0.376996	-3.284598	-4.289173
O	-0.746381	-4.908239	-3.973551
O	-0.633555	-4.681088	-8.038620
O	-0.259019	-1.845917	-8.380930
Ti	-1.279194	-0.193711	-7.965822
O	-1.280342	-0.145573	-6.069807

O	-0.513635	-1.702040	-3.692041
Ti	-1.332321	0.025168	-4.227312
Ti	-3.873603	7.671691	-10.412600
O	-3.870855	7.134695	-12.276455
O	-5.076953	7.453220	-15.042712
Ti	-3.417986	7.343466	-14.086818
O	-2.080745	8.664214	-14.126224
O	-2.657704	9.059561	-10.260606
O	-2.196776	6.461320	-10.112803
Ti	-1.152541	4.902190	-10.861034
O	-1.316968	4.398435	-12.738340
O	-2.440755	5.997569	-14.956195
Ti	-1.374298	4.499869	-14.549271
O	-0.575356	2.575860	-14.972241
O	-0.424766	2.821972	-10.285853
Ti	-0.861189	8.250681	-10.420972
O	-0.265753	9.407094	-11.841477
Ti	-0.463821	8.207517	-13.273266
O	-0.771412	6.805939	-12.001345
O	0.880513	7.725620	-14.482778
O	1.025837	7.950018	-9.713792
O	0.822626	5.094418	-10.597116
Ti	2.289834	6.539582	-10.459893
O	2.218337	6.592360	-12.329342
O	0.594242	4.911794	-14.845975
Ti	1.974057	6.189315	-14.170790
O	3.797722	6.196750	-14.806973
O	2.724306	4.124535	-13.598125
O	3.182337	4.262854	-10.291859
O	4.204652	6.779663	-10.288643
O	5.456055	5.187455	-12.257195
Ti	4.950845	5.045327	-10.427707
O	6.097468	3.323602	-10.034898
Ti	4.519004	4.754288	-13.807655
O	5.493621	3.317913	-14.566580
Ti	5.340918	1.723840	-13.582773
Ti	5.739404	1.522163	-10.805219
O	4.577137	0.330394	-14.547332
Ti	2.697659	-0.077330	-14.353325
O	2.762828	-0.393739	-12.528962
O	4.852158	-0.113417	-10.384157
Ti	2.976704	-0.356672	-10.631040
O	4.333967	2.205626	-12.035608
O	1.397677	-1.297063	-15.009061
O	2.103909	1.554187	-15.087693
Ti	1.211702	2.919525	-14.194451
O	6.753110	1.223652	-12.382119
O	1.037923	2.390514	-12.430761
O	2.298459	1.387715	-10.103749
Ti	1.539717	3.116648	-10.743945
Ti	-9.108201	4.748625	-11.040632
Ti	-9.042720	4.414445	-13.824512

O	-8.513881	6.413543	-10.481222
Ti	-6.709998	6.705054	-11.016815
O	-6.692456	6.765649	-12.868834
O	-8.310632	5.726234	-14.902832
Ti	-6.442323	6.227408	-14.666244
O	-7.830110	4.117377	-12.329684
O	-5.769537	8.084797	-10.234437
O	-5.691195	5.187899	-10.362286
Ti	-4.760839	3.446106	-10.740842
O	-10.329535	4.909086	-12.490658
O	-4.673602	3.618437	-12.620982
O	-5.666074	4.648800	-15.255678
Ti	-4.795863	3.200506	-14.412087
Ti	-8.247359	1.687148	-10.340623
O	-9.235170	3.381961	-9.744215
O	-6.479611	2.156601	-14.167725
O	-7.571733	-0.176356	-14.634011
O	-8.867302	1.271717	-12.065555
Ti	-8.183504	1.409064	-13.835716
O	-9.326138	2.739400	-14.590743
O	-6.464980	2.280113	-10.467174
Ti	-3.367727	-2.391721	-13.534479
O	-3.782614	-3.748849	-12.221765
Ti	-3.288035	-2.674290	-10.751149
O	-3.025040	-1.229703	-12.081950
O	-4.910461	-1.636369	-10.116942
O	-4.794033	-1.682008	-14.532453
O	-4.196367	1.130278	-14.849225
Ti	-5.659570	-0.025705	-14.242937
O	-5.802242	0.087185	-12.354023
O	-4.063766	1.353124	-10.287616
Ti	-5.670612	0.129586	-10.517763
O	-7.619187	-0.182171	-9.944451
O	-2.832418	3.712637	-10.668242
O	-2.975189	3.359489	-15.136132
Ti	-0.391438	-1.390751	-14.370063
O	-0.149203	-1.200945	-12.549228
O	1.651422	-1.728725	-10.367341
Ti	-0.202710	-1.576598	-10.672265
O	-1.447939	-3.002517	-10.434717
O	-1.775580	-2.724851	-14.449881
O	-1.383486	-0.043378	-15.209878
Ti	-2.210618	1.483583	-14.511916
O	-2.221081	1.465682	-12.646944
O	-1.125037	0.066838	-10.159980
Ti	-2.061867	1.700695	-10.773112

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Ti	-1.341876	4.467772	2.162908
O	-1.672674	4.295796	0.331811
O	-3.150029	4.945919	-2.219845
Ti	-1.330580	4.645744	-1.492229

O	-0.208731	6.162120	-1.582951
O	0.035318	5.795169	2.262037
O	-0.371829	3.097380	2.978375
Ti	0.487453	1.544069	2.358033
O	0.585749	1.580832	0.503110
O	-0.412673	3.005838	-1.932740
Ti	0.433764	1.255731	-1.360591
O	1.237023	-0.701616	-1.506344
O	1.218603	-0.347496	2.975101
Ti	1.665903	5.441285	1.409284
O	2.180983	6.799351	0.135394
Ti	1.649699	5.779829	-1.366011
O	1.309176	4.316475	-0.065282
O	3.220337	4.705897	-2.025564
O	3.031145	4.678696	2.440141
O	2.470628	1.858352	2.756247
Ti	3.904198	3.025621	2.121115
O	4.071467	2.991806	0.227081
O	2.439899	1.621405	-1.836371
Ti	3.965784	2.928831	-1.619321
O	5.894778	3.324838	-2.208554
O	4.825497	0.817335	-1.638162
O	4.709341	0.858679	1.912199
O	5.801074	3.152264	2.562323
O	7.168519	1.920512	-0.090811
Ti	6.419355	1.636462	1.628793
O	7.509575	0.170572	2.105154
Ti	6.599369	1.491551	-1.820747
O	7.579068	-0.134450	-2.467141
Ti	6.937076	-1.770936	-1.581757
Ti	7.069347	-1.428757	1.226473
O	6.546573	-3.620594	-1.863236
Ti	4.880997	-3.998324	-1.124310
O	5.000928	-4.112339	0.713149
O	6.489500	-2.700121	2.439872
Ti	4.647611	-3.311185	2.408828
O	5.719312	-1.156594	-0.173933
O	3.953535	-5.286316	-2.064089
O	3.848475	-2.399120	-1.726860
Ti	3.215843	-0.493528	-1.342659
O	8.235167	-1.930159	-0.172674
O	2.908486	-0.697718	0.514109
O	3.929235	-1.705274	3.058953
Ti	3.060478	-0.224147	2.282038
Ti	-6.953785	1.349475	1.219005
Ti	-7.368948	1.550853	-1.544339
O	-6.259459	2.818190	2.131941
Ti	-4.396084	3.249483	1.971653
O	-4.430203	3.789148	0.166036
O	-6.469536	3.183747	-1.906891
Ti	-4.603768	3.586771	-1.707844
O	-5.912256	0.898744	-0.305549

O	-3.136854	4.420738	2.778342
O	-3.850424	1.586134	2.703565
Ti	-2.921172	0.181410	1.912100
O	-8.386245	1.805321	0.037240
O	-2.683712	0.816917	0.203948
O	-3.849903	1.862779	-2.074477
Ti	-3.278630	0.014211	-1.437807
Ti	-6.157707	-1.691527	1.462616
O	-7.098566	-0.234686	2.220765
O	-4.891916	-1.115963	-1.946603
O	-5.780422	-3.698609	-2.077487
O	-7.130305	-2.170640	-0.052582
Ti	-6.591336	-1.995680	-1.868013
O	-7.746683	-0.274852	-2.267295
O	-4.369277	-1.059109	1.194466
Ti	-0.824377	-5.189044	-1.971822
O	-1.522631	-6.331544	-0.548889
Ti	-1.286657	-5.175052	0.888480
O	-0.900397	-3.752817	-0.338850
O	-2.578871	-4.690589	2.170229
O	-2.705291	-4.900853	-2.690982
O	-2.508225	-1.960810	-1.655157
Ti	-3.873826	-3.473201	-1.878179
O	-3.849108	-3.546317	0.004206
O	-2.330916	-1.838409	2.563062
Ti	-3.636588	-3.146250	1.848657
O	-5.458346	-3.114858	2.487766
O	-1.160215	0.462938	2.771726
O	-1.260651	0.249757	-1.862202
Ti	2.129793	-4.638627	-1.949686
O	2.174979	-4.123588	-0.055770
O	3.230001	-4.473520	2.776036
Ti	1.628974	-4.355245	1.726847
O	0.319258	-5.692184	1.734978
O	0.924602	-6.047381	-2.044684
O	0.472553	-3.412874	-2.274971
Ti	-0.497475	-1.852943	-1.420877
O	-0.403269	-1.327071	0.476739
O	0.665039	-3.006329	2.614762
Ti	-0.354341	-1.463455	2.279167
Ti	-2.771459	6.149461	-4.000674
O	-2.993147	5.717482	-5.844821
O	-3.982687	6.400156	-8.563503
Ti	-2.261532	6.104254	-7.576787
O	-1.260424	7.708752	-7.965043
O	-1.479366	7.540079	-4.136173
O	-1.043900	4.972923	-3.772882
Ti	-0.309694	3.175580	-4.121699
O	-0.262013	3.061377	-6.006279
O	-1.487636	4.515716	-8.358013
Ti	-0.461966	2.881902	-7.822869
O	0.326497	0.868206	-7.829706

O	0.449390	1.131536	-3.673511
Ti	0.153457	6.724406	-4.718346
O	1.001675	8.041833	-5.902250
Ti	0.566909	7.260502	-7.546824
O	-0.215147	5.792566	-6.431742
O	2.136041	6.192594	-8.196039
O	1.671226	6.237865	-3.537119
O	1.665391	3.417343	-4.005564
Ti	3.056922	4.855310	-4.144440
O	2.903489	4.837305	-6.026731
O	1.548104	3.191692	-8.214928
Ti	3.069493	4.475648	-7.827815
O	5.004927	4.834264	-8.321780
O	3.909008	2.397863	-7.702505
O	4.009902	2.579169	-3.985895
O	4.995904	5.115153	-4.269004
O	6.369164	3.308759	-6.175094
Ti	5.741261	3.402326	-4.334002
O	6.905139	1.747301	-3.942017
Ti	5.713807	2.989054	-7.870919
O	6.529275	1.218749	-8.477075
Ti	6.334630	-0.270164	-7.289299
Ti	6.655019	-0.123650	-4.502755
O	5.744182	-1.904248	-7.942005
Ti	3.964881	-2.383515	-7.418600
O	4.240444	-2.786359	-5.632233
O	5.837895	-1.648126	-3.553952
Ti	3.896567	-2.202985	-3.876998
O	5.243910	0.225847	-5.799194
O	2.945176	-3.561505	-8.419261
O	3.097473	-0.706294	-7.997371
Ti	2.270916	1.123793	-7.699911
O	7.734647	-0.549266	-6.000307
O	2.271163	0.838444	-5.850860
O	3.155476	-0.455758	-3.564578
Ti	2.400894	1.352517	-4.090974
Ti	-8.104562	3.220208	-4.910531
Ti	-8.387241	3.110524	-7.701794
O	-7.475968	4.852360	-4.267528
Ti	-5.666481	5.340753	-4.608161
O	-5.704844	5.766137	-6.412126
O	-7.427691	4.607067	-8.310185
Ti	-5.568821	5.151548	-8.191404
O	-7.034704	2.596725	-6.323969
O	-4.643952	6.586979	-3.668086
O	-4.799657	3.719937	-3.923544
Ti	-3.975168	1.921689	-4.249708
O	-9.494642	3.506092	-6.194585
O	-4.038178	2.116160	-6.112344
O	-4.800001	3.408370	-8.456286
Ti	-4.145013	1.574241	-7.866292
Ti	-7.427726	0.038583	-4.336802

O	-8.220946	1.809881	-3.616544
O	-5.777232	0.425746	-8.175652
O	-6.726771	-2.097458	-7.983621
O	-8.113508	-0.269598	-6.042441
Ti	-7.509592	-0.381904	-7.879679
O	-8.692361	1.277349	-8.381658
O	-5.629775	0.660429	-4.382883
Ti	-1.813836	-3.766834	-7.555599
O	-2.819875	-5.004320	-6.368138
Ti	-2.389540	-4.278941	-4.721579
O	-1.347822	-2.938871	-5.738279
O	-3.717814	-3.006771	-4.020682
O	-3.416194	-3.279802	-8.643470
O	-3.363507	-0.442304	-8.039768
Ti	-4.781546	-1.895544	-8.042037
O	-4.649900	-1.716852	-6.152542
O	-3.285972	-0.131500	-3.734978
Ti	-4.763957	-1.380742	-4.346014
O	-6.719026	-1.819525	-3.975993
O	-2.036383	2.184335	-4.088373
O	-2.182508	1.861037	-8.254220
Ti	1.056890	-3.134262	-8.063743
O	1.341225	-2.747805	-6.220128
O	2.401434	-3.495836	-3.759173
Ti	0.488676	-3.120897	-4.505288
O	-0.579576	-4.835955	-4.094288
O	-0.171905	-4.601709	-8.029766
O	-0.716718	-1.989622	-8.142476
Ti	-1.387672	-0.200143	-7.814843
O	-1.475552	0.022364	-5.933996
O	-0.363413	-1.569433	-3.690726
Ti	-1.278160	0.116146	-4.102871
Ti	-3.697123	7.654967	-10.280372
O	-3.980215	7.268073	-12.123966
O	-5.039848	8.014573	-14.585612
Ti	-3.127053	7.639994	-13.838732
O	-2.058266	9.353776	-14.249451
O	-2.467987	9.121580	-10.313123
O	-1.925756	6.508392	-10.198047
Ti	-1.250667	4.719405	-10.530520
O	-1.161696	4.498023	-12.411779
O	-2.275086	6.088583	-14.653630
Ti	-1.361148	4.401879	-14.242712
O	-0.603063	2.334130	-14.256651
O	-0.456501	2.658126	-10.091507
Ti	-0.825380	8.285057	-10.784568
O	0.180962	9.521815	-11.973333
Ti	-0.249214	8.795705	-13.620110
O	-1.291787	7.457543	-12.602307
O	1.078138	7.523486	-14.322821
O	0.781102	7.798728	-9.702785
O	0.724698	4.961894	-10.304892

Ti	2.144474	6.414260	-10.302742
O	2.012876	6.231682	-12.192567
O	0.646785	4.649260	-14.611491
Ti	2.123655	5.897827	-13.999051
O	4.080004	6.336877	-14.369634
O	2.990720	3.856772	-13.962857
O	3.138947	4.094040	-10.168031
O	4.089943	6.616818	-10.362345
O	5.474364	4.787151	-12.303043
Ti	4.871514	4.900910	-10.465363
O	6.054444	3.241839	-9.962653
Ti	4.788386	4.477475	-14.008466
O	5.580353	2.706982	-14.728566
Ti	5.464366	1.295830	-13.433413
Ti	5.749135	1.408231	-10.642407
O	4.835490	-0.333928	-14.072970
Ti	3.024970	-0.822451	-13.735382
O	3.067912	-1.247840	-11.930962
O	4.791193	-0.089275	-10.034420
Ti	2.931565	-0.631221	-10.152467
O	4.395928	1.921787	-12.019105
O	2.005212	-2.068976	-14.677615
O	2.160680	0.798448	-14.422392
Ti	1.335926	2.596070	-14.095633
O	6.855870	1.012889	-12.150021
O	1.400107	2.403539	-12.232639
O	2.162798	1.112026	-9.888492
Ti	1.506161	2.945655	-10.478647
Ti	-8.974806	4.787925	-11.054987
Ti	-9.294432	4.642499	-13.841606
O	-8.382554	6.423078	-10.401370
Ti	-6.604529	6.902928	-10.925374
O	-6.881501	7.304513	-12.712046
O	-8.476453	6.166920	-14.790701
Ti	-6.535058	6.722044	-14.467542
O	-7.883883	4.292779	-12.544957
O	-5.585680	8.082473	-9.925342
O	-5.735032	5.226851	-10.346900
Ti	-4.909605	3.396402	-10.644398
O	-10.374295	5.068858	-12.344327
O	-4.911656	3.680388	-12.493754
O	-5.794918	4.974689	-14.780179
Ti	-5.040483	3.166295	-14.253709
Ti	-8.351581	1.531440	-10.473107
O	-9.167987	3.300660	-9.867570
O	-6.649791	1.940176	-14.358869
O	-7.635908	-0.595737	-14.075736
O	-9.007528	1.211078	-12.169432
Ti	-8.380977	1.117503	-14.010503
O	-9.545781	2.771810	-14.402537
O	-6.547035	2.121228	-10.641543
Ti	-2.792719	-2.204964	-13.626617

O	-3.639601	-3.521631	-12.440374
Ti	-3.202112	-2.740603	-10.797541
O	-2.423032	-1.271323	-11.914775
O	-4.771829	-1.672753	-10.148149
O	-4.310292	-1.718881	-14.808160
O	-4.305167	1.101132	-14.338170
Ti	-5.697093	-0.336486	-14.200380
O	-5.542718	-0.320224	-12.318124
O	-4.186294	1.327372	-10.130250
Ti	-5.709612	0.043139	-10.516999
O	-7.642665	-0.315421	-10.022885
O	-2.965089	3.650951	-10.515972
O	-3.088411	3.387013	-14.671736
Ti	0.132579	-1.630129	-14.346990
O	0.357200	-1.193182	-12.503249
O	1.342547	-1.877573	-9.779744
Ti	-0.374148	-1.582043	-10.773061
O	-1.372955	-3.186991	-10.385904
O	-1.159418	-3.019882	-14.208389
O	-1.596964	-0.453533	-14.573463
Ti	-2.330587	1.342715	-14.223994
O	-2.376192	1.459455	-12.339196
O	-1.150648	0.003248	-9.987297
Ti	-2.176819	1.639346	-10.522629
Ti	-4.767975	9.157527	-16.395302
O	-4.813048	8.642387	-18.288970
O	-5.868092	8.993021	-21.120911
Ti	-4.267212	8.873610	-20.072317
O	-2.956896	10.210237	-20.079741
O	-3.562210	10.565542	-16.299368
O	-3.109187	7.931303	-16.069333
Ti	-2.142601	6.370618	-16.923846
O	-2.236510	5.844598	-18.821003
O	-3.304419	7.524413	-20.959848
Ti	-2.286244	5.980072	-20.623677
O	-1.480393	4.054278	-21.115306
O	-1.378624	4.268596	-16.483009
Ti	-1.813689	9.706226	-16.372429
O	-1.115114	10.848905	-17.795331
Ti	-1.351599	9.692782	-19.233178
O	-1.738630	8.270465	-18.005986
O	-0.060747	9.207520	-20.515296
O	0.066524	9.417551	-15.652350
O	-0.131155	6.478295	-16.690278
Ti	1.235574	7.990534	-16.466095
O	1.209203	8.064796	-18.348537
O	-0.309248	6.354925	-20.906869
Ti	0.993982	7.662950	-20.192689
O	2.818291	7.630068	-20.833280
O	1.727769	5.576443	-19.534940
O	2.252503	5.633209	-16.399194
O	3.140743	8.215488	-16.267577

O	4.490656	6.687273	-18.293111
Ti	3.951595	6.512822	-16.477584
O	5.107134	4.791668	-16.077979
Ti	3.516706	6.207383	-19.807054
O	4.456764	4.750934	-20.565925
Ti	4.314355	3.166675	-19.564539
Ti	4.730747	2.965585	-16.801049
O	3.619785	1.698275	-20.477368
Ti	1.756047	1.268175	-20.316728
O	1.790854	0.728085	-18.512353
O	3.831323	1.332856	-16.439196
Ti	1.965411	0.931432	-16.638097
O	3.272295	3.617478	-18.039853
O	0.496709	0.098191	-21.124938
O	1.211623	2.932251	-21.048662
Ti	0.280514	4.335711	-20.256399
O	5.746735	2.711955	-18.382737
O	0.042474	3.698235	-18.548989
O	1.210845	2.655087	-16.271440
Ti	0.638876	4.503231	-16.908403
Ti	-9.574882	6.289837	-16.762146
Ti	-9.706063	5.947928	-19.570722
O	-9.184345	8.140404	-16.480506
Ti	-7.519616	8.518153	-17.221091
O	-7.639012	8.631593	-19.057905
O	-9.127153	7.218607	-20.784417
Ti	-7.285352	7.831501	-20.754155
O	-8.356651	5.675827	-18.169707
O	-6.591411	9.806181	-16.281804
O	-6.487382	6.918870	-16.617441
Ti	-5.856525	5.012678	-17.002458
O	-10.872441	6.449698	-18.171669
O	-5.547478	5.215272	-18.859169
O	-6.567751	6.224238	-21.403170
Ti	-5.700495	4.741986	-20.627002
Ti	-9.239610	3.027724	-16.523793
O	-10.218300	4.654300	-15.877470
O	-7.349340	3.659250	-20.256499
O	-8.441092	1.366178	-20.907951
O	-9.808610	2.598650	-18.253924
Ti	-9.059299	2.881817	-19.973554
O	-10.148351	4.348899	-20.448857
O	-7.465539	3.701762	-16.706755
Ti	-4.305861	-0.923109	-19.753810
O	-4.820506	-2.280513	-18.479640
Ti	-4.288736	-1.260480	-16.978537
O	-3.948981	0.202574	-18.279937
O	-5.859528	-0.186181	-16.319135
O	-5.671668	-0.161600	-20.785079
O	-5.111755	2.659141	-21.101497
Ti	-6.544724	1.491447	-20.466199
O	-6.712718	1.525749	-18.572207

O	-5.080249	2.897283	-16.508281
Ti	-6.606048	1.590421	-16.725770
O	-8.535118	1.194601	-16.135918
O	-3.877169	5.220068	-16.837852
O	-3.858803	4.864884	-21.320370
Ti	-1.298684	0.051555	-20.508888
O	-0.967488	0.226381	-18.678406
O	0.510659	-0.427377	-16.127191
Ti	-1.308419	-0.125574	-16.854619
O	-2.429813	-1.642094	-16.763624
O	-2.674767	-1.276533	-20.606782
O	-2.268744	1.420195	-21.325871
Ti	-3.128564	2.973996	-20.702809
O	-3.227165	2.936643	-18.847838
O	-2.226891	1.513546	-16.412272
Ti	-3.074367	3.262844	-16.984512

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Ti	-1.378960	4.450293	2.346041
O	-1.636610	4.152271	0.540048
O	-2.814448	4.701103	-1.967490
Ti	-0.972431	4.426483	-1.224944
O	-0.233535	6.196511	-1.653061
O	-0.056674	5.861764	2.327872
O	-0.284207	3.160202	3.121705
Ti	0.571705	1.625967	2.416701
O	0.783871	1.624974	0.577373
O	-0.158009	2.842771	-1.889500
Ti	0.594802	1.052458	-1.258556
O	1.435902	-0.843808	-1.419795
O	1.238580	-0.276332	3.060345
Ti	1.523730	5.506724	1.396860
O	2.127519	6.865371	0.152650
Ti	1.641373	5.957672	-1.425691
O	1.034580	4.454327	-0.131465
O	3.104573	4.674377	-1.923714
O	2.894880	4.717211	2.378532
O	2.538107	1.899627	2.904312
Ti	3.883413	3.099252	2.180893
O	4.056159	3.085835	0.294684
O	2.587340	1.489481	-1.735253
Ti	3.972308	2.929013	-1.551701
O	5.927658	3.374909	-2.055556
O	4.955939	0.830455	-1.483068
O	4.703263	0.933168	1.909032
O	5.755119	3.239380	2.680466
O	7.246084	2.029093	0.068050
Ti	6.412957	1.740433	1.739500
O	7.405768	0.227783	2.238982
Ti	6.693452	1.563893	-1.662433
O	7.593190	-0.136622	-2.269491
Ti	6.894350	-1.802894	-1.454625

Ti	6.872026	-1.350975	1.358808
O	6.616512	-3.692369	-1.614535
Ti	4.953840	-4.132327	-0.893709
O	5.011821	-4.160196	0.951898
O	6.368876	-2.612772	2.599018
Ti	4.543714	-3.302199	2.597319
O	5.536198	-1.176228	-0.115742
O	4.054468	-5.455879	-1.808567
O	3.900325	-2.592296	-1.593205
Ti	3.443742	-0.598272	-1.183207
O	8.103488	-1.854587	0.034490
O	2.958377	-0.777754	0.662570
O	3.883915	-1.658823	3.245789
Ti	3.090947	-0.190502	2.386400
Ti	-7.110725	1.533722	1.251172
Ti	-7.314468	1.488367	-1.599461
O	-6.330156	2.968875	2.142040
Ti	-4.433224	3.270353	2.006888
O	-4.399959	3.791726	0.229500
O	-6.280885	3.017504	-1.833408
Ti	-4.388686	3.392919	-1.637043
O	-5.993012	0.736191	-0.129036
O	-3.178250	4.360383	2.942082
O	-3.932027	1.517407	2.522691
Ti	-2.761026	0.323806	1.710702
O	-8.410773	1.893841	-0.083079
O	-2.340918	1.017912	0.087169
O	-3.835102	1.592016	-1.991447
Ti	-3.123554	-0.207060	-1.329260
Ti	-6.014072	-1.185343	1.035628
O	-7.126392	-0.053335	2.180833
O	-4.768244	-1.326689	-2.042977
O	-5.750814	-3.850287	-2.149672
O	-7.088912	-2.058951	-0.196294
Ti	-6.511670	-2.150458	-2.016585
O	-7.584234	-0.329373	-2.348917
O	-4.028887	-0.932647	0.536018
Ti	-0.718535	-5.308362	-1.876344
O	-1.490700	-6.367709	-0.425844
Ti	-1.311842	-5.156346	0.973341
O	-0.792548	-3.790782	-0.257702
O	-2.610117	-4.516775	2.170986
O	-2.614680	-5.066398	-2.621379
O	-2.329913	-2.150846	-1.654738
Ti	-3.815540	-3.584709	-1.914219
O	-3.869537	-3.717982	-0.059382
O	-2.302198	-1.664470	2.385561
Ti	-3.612423	-2.959510	1.679791
O	-5.330347	-2.483436	2.275428
O	-1.103515	0.577876	2.747027
O	-1.103374	0.070458	-1.829482
Ti	2.237757	-4.757154	-1.816803

O	2.197150	-4.189843	0.072149
O	3.125439	-4.444179	2.945399
Ti	1.559212	-4.352808	1.827563
O	0.256547	-5.683372	1.898135
O	1.023121	-6.170761	-1.869873
O	0.560103	-3.566377	-2.242408
Ti	-0.325500	-1.975787	-1.399765
O	-0.245159	-1.271423	0.466874
O	0.619125	-2.955430	2.680883
Ti	-0.287614	-1.373119	2.271815
Ti	-2.485767	6.015565	-3.567224
O	-2.993764	5.312162	-5.402466
O	-3.723109	6.221528	-8.207900
Ti	-2.192596	5.715986	-7.110129
O	-1.502323	7.515491	-7.910866
O	-1.363594	7.495141	-4.026173
O	-0.718487	4.903068	-3.715303
Ti	-0.107870	3.064803	-4.074088
O	-0.121119	3.044908	-5.964454
O	-1.379532	4.408459	-8.256560
Ti	-0.359923	2.712207	-7.769017
O	0.355263	0.733013	-7.675396
O	0.639117	1.015903	-3.614160
Ti	0.258592	6.740245	-4.675376
O	0.910931	8.063775	-5.979100
Ti	0.426576	7.291387	-7.618843
O	-0.257779	5.780365	-6.330571
O	1.904375	6.040532	-8.154941
O	1.835312	6.384545	-3.497170
O	1.873853	3.318581	-3.991385
Ti	3.119650	4.850835	-4.074188
O	2.889434	5.004106	-5.933611
O	1.636630	3.056283	-8.181269
Ti	3.027533	4.446963	-7.701703
O	4.980934	4.825380	-8.126582
O	3.906160	2.367976	-7.527244
O	4.143786	2.510549	-3.852844
O	5.033728	5.088822	-4.136905
O	6.442553	3.309548	-6.014920
Ti	5.832390	3.374671	-4.174677
O	7.069667	1.791172	-3.746368
Ti	5.693499	3.009326	-7.671336
O	6.320266	1.129022	-8.273095
Ti	6.089791	-0.312398	-7.010143
Ti	6.686251	-0.103172	-4.281478
O	5.388536	-1.888012	-7.562988
Ti	3.581699	-2.611053	-7.144272
O	4.286916	-3.020469	-5.433698
O	5.937011	-1.733120	-3.382368
Ti	4.005652	-2.379514	-3.719918
O	5.177662	0.296784	-5.416451
O	2.852745	-3.722312	-8.464611

O	2.896579	-0.899377	-7.879557
Ti	2.293454	1.009595	-7.654056
O	7.619785	-0.572120	-5.830492
O	2.433231	0.744574	-5.789095
O	3.299660	-0.611831	-3.406092
Ti	2.596878	1.188709	-4.019434
Ti	-7.789589	3.111045	-5.036343
Ti	-8.232341	3.063374	-7.809069
O	-6.950861	4.599718	-4.392472
Ti	-5.136807	5.299342	-4.609729
O	-5.498107	5.876227	-6.344705
O	-7.379267	4.710497	-8.206347
Ti	-5.536276	5.126749	-8.086915
O	-6.869407	2.370430	-6.524834
O	-4.333408	6.528291	-3.403605
O	-4.487669	3.601655	-3.753475
Ti	-3.755707	1.777628	-4.166582
O	-9.246264	3.456590	-6.243714
O	-3.873041	2.056091	-6.017459
O	-4.861148	3.286847	-8.282548
Ti	-4.095468	1.483343	-7.762450
Ti	-7.263569	-0.025556	-4.414125
O	-8.018577	1.760478	-3.677778
O	-5.707879	0.339859	-8.172888
O	-6.730950	-2.130003	-7.950145
O	-8.056343	-0.288291	-6.078778
Ti	-7.462820	-0.380752	-7.924152
O	-8.669481	1.229735	-8.527161
O	-5.441501	0.532515	-4.465683
Ti	-1.846725	-3.942756	-7.449095
O	-2.774672	-5.200105	-6.244115
Ti	-2.266434	-4.494706	-4.608795
O	-1.179960	-3.186504	-5.634839
O	-3.560826	-3.138424	-4.016089
O	-3.422726	-3.465349	-8.568845
O	-3.351569	-0.535134	-7.911292
Ti	-4.794078	-1.977794	-7.988062
O	-4.520347	-1.977516	-6.124064
O	-3.107724	-0.274256	-3.661610
Ti	-4.594723	-1.478273	-4.342985
O	-6.605818	-1.904186	-4.074601
O	-1.831903	2.061521	-3.986736
O	-2.117993	1.761533	-8.147634
Ti	0.950942	-3.306282	-8.167062
O	1.555778	-2.945420	-6.244020
O	2.507771	-3.702059	-3.658033
Ti	0.627946	-3.308077	-4.491820
O	-0.441894	-5.032395	-4.000260
O	-0.238874	-4.786987	-8.043471
O	-0.785556	-2.175510	-7.891910
Ti	-1.376538	-0.345976	-7.731553
O	-1.397562	-0.085946	-5.842522

O	-0.102749	-1.689015	-3.694362
Ti	-1.083756	-0.019518	-4.034140
Ti	-3.022516	7.662435	-9.594926
O	-3.672205	7.192359	-11.732975
O	-4.605418	8.073108	-14.678047
Ti	-3.011726	7.667241	-13.468818
O	-2.189553	9.358080	-14.032038
O	-1.934492	9.155991	-10.163150
O	-1.450192	6.512301	-10.274677
Ti	-1.033219	4.626725	-10.382517
O	-1.398004	4.530058	-12.255299
O	-2.435678	6.182999	-14.593874
Ti	-1.539156	4.474019	-14.054873
O	-0.752688	2.486071	-14.195440
O	-0.238426	2.554739	-9.981897
Ti	-0.453245	8.313223	-10.977774
O	0.265661	9.688054	-12.188557
Ti	-0.330017	8.998631	-13.817481
O	-1.007082	7.430347	-12.720556
O	1.179665	7.786196	-14.409726
O	0.924955	7.865666	-9.598543
O	0.930716	4.789891	-10.466086
Ti	2.230606	6.318806	-10.231814
O	1.968651	6.597121	-12.096805
O	0.510254	4.805095	-14.406428
Ti	2.012516	6.065101	-13.874913
O	3.984548	6.413675	-14.361381
O	2.828235	4.024065	-13.753530
O	3.187862	4.145689	-9.976326
O	4.157671	6.567109	-10.253585
O	5.423933	4.782256	-12.196296
Ti	4.958713	4.841550	-10.322029
O	6.100548	3.224833	-9.727102
Ti	4.651962	4.603721	-13.895909
O	5.131269	2.704033	-14.449434
Ti	4.713023	1.463607	-13.013616
Ti	5.504401	1.351927	-10.306317
O	3.890508	-0.052702	-13.485799
Ti	2.099796	-1.018864	-13.434267
O	2.762518	-1.661115	-11.757136
O	4.669970	-0.289214	-9.893827
Ti	2.853478	-0.946347	-10.034637
O	3.915559	2.136935	-11.310166
O	1.409457	-2.131459	-14.784781
O	1.717123	0.770195	-14.353574
Ti	1.156225	2.703119	-14.044833
O	6.302073	1.099862	-11.974810
O	1.388868	2.300797	-12.240571
O	2.127370	0.850848	-9.805671
Ti	1.791912	2.736821	-10.488692
Ti	-8.230950	4.560476	-11.447217
Ti	-9.022167	4.672480	-14.154291

O	-7.407717	6.077147	-10.974235
Ti	-5.617741	7.044012	-11.025489
O	-6.281220	7.686080	-12.702627
O	-8.188168	6.314049	-14.567220
Ti	-6.371599	6.972045	-14.425193
O	-7.432211	3.888157	-13.150699
O	-4.927803	8.156823	-9.674874
O	-5.234533	5.254789	-10.106308
Ti	-4.675667	3.321321	-10.414655
O	-9.819300	4.924122	-12.485603
O	-4.906569	3.722482	-12.219105
O	-5.645628	5.174669	-14.653761
Ti	-5.311928	3.287714	-13.970939
Ti	-8.171093	1.419584	-10.564762
O	-8.648946	3.319932	-10.011266
O	-6.707717	1.877646	-14.483120
O	-7.677158	-0.544401	-14.207514
O	-8.942766	1.241627	-12.263504
Ti	-8.478519	1.181035	-14.138911
O	-9.618283	2.799478	-14.732715
O	-6.347026	1.999843	-10.705966
Ti	-3.065315	-2.287540	-13.481818
O	-3.783206	-3.662917	-12.271019
Ti	-3.187572	-2.973696	-10.642151
O	-2.511518	-1.404751	-11.738954
O	-4.698347	-1.762148	-10.050031
O	-4.443023	-1.840552	-14.862359
O	-4.450447	1.234524	-13.992873
Ti	-5.750127	-0.294875	-14.228044
O	-5.488182	-0.574114	-12.363336
O	-4.029870	1.219056	-10.052741
Ti	-5.531636	-0.041614	-10.585115
O	-7.503828	-0.389819	-10.098859
O	-2.766477	3.538235	-10.264008
O	-3.281424	3.469934	-14.477402
Ti	-0.495741	-1.636839	-14.864182
O	0.153873	-1.165650	-12.726653
O	1.086755	-2.046763	-9.781540
Ti	-0.506517	-1.641359	-10.991359
O	-1.327585	-3.332788	-10.429508
O	-1.583480	-3.130360	-14.296102
O	-2.068956	-0.486925	-14.185406
Ti	-2.486102	1.398222	-14.077064
O	-2.120783	1.495953	-12.204180
O	-1.083850	-0.158370	-9.865130
Ti	-1.980740	1.550541	-10.404385
Ti	-4.469506	9.331740	-16.292572
O	-5.073472	8.971179	-18.215917
O	-6.025065	9.727005	-20.801638
Ti	-4.145483	9.333005	-19.967636
O	-3.075159	11.057034	-20.458919
O	-3.278693	10.812721	-16.416084

O	-2.732505	8.200348	-16.567750
Ti	-2.143346	6.371194	-16.727678
O	-2.117315	6.110400	-18.616587
O	-3.415158	7.713652	-20.764954
Ti	-2.435151	6.043675	-20.425542
O	-1.686867	3.962689	-20.472163
O	-1.401878	4.263075	-16.312013
Ti	-1.671310	9.967317	-17.010086
O	-0.742520	11.224607	-18.215219
Ti	-1.250557	10.519262	-19.850300
O	-2.337264	9.211246	-18.824421
O	0.043475	9.162691	-20.443055
O	-0.094414	9.489934	-15.891239
O	-0.168165	6.559498	-16.547805
Ti	1.275733	8.001822	-16.471435
O	1.001708	7.999137	-18.335847
O	-0.410924	6.298036	-20.797941
Ti	1.076644	7.502001	-20.116902
O	3.087366	7.927905	-20.385319
O	1.923122	5.490868	-19.994050
O	2.188710	5.684239	-16.287062
O	3.212077	8.154194	-16.509971
O	4.537389	6.311998	-18.381041
Ti	3.943690	6.405017	-16.535687
O	5.150225	4.794374	-15.933224
Ti	3.744982	6.049678	-20.045623
O	4.500352	4.263316	-20.783323
Ti	4.271803	2.912436	-19.424109
Ti	4.714579	2.961142	-16.651558
O	3.433060	1.422762	-20.068470
Ti	1.619106	0.725483	-19.849908
O	1.980527	0.148534	-18.114924
O	3.861408	1.313456	-16.253151
Ti	2.018203	0.898757	-16.372935
O	3.351107	3.652241	-17.935963
O	0.815426	-0.503558	-21.055539
O	0.969820	2.422795	-20.706169
Ti	0.237551	4.246149	-20.292684
O	5.728452	2.567398	-18.217006
O	0.352741	3.967722	-18.441699
O	1.342711	2.738395	-16.176862
Ti	0.575675	4.541408	-16.697015
Ti	-9.608194	6.337562	-17.449033
Ti	-10.204470	6.128994	-20.177628
O	-8.906555	7.913406	-16.896400
Ti	-7.100172	8.636412	-17.315451
O	-7.804798	9.045648	-19.025855
O	-9.454896	7.757997	-21.077193
Ti	-7.523226	8.404587	-20.739639
O	-8.696673	5.728355	-19.042572
O	-6.371136	9.748158	-15.995498
O	-6.414660	6.925002	-16.580465

Ti	-5.813647	5.015235	-16.804970
O	-11.138536	6.598056	-18.628732
O	-5.953380	5.278469	-18.670002
O	-6.817937	6.636908	-21.052956
Ti	-6.115677	4.835730	-20.439957
Ti	-9.212695	3.015383	-16.788562
O	-9.839836	4.895479	-16.186772
O	-7.662686	3.514324	-20.607076
O	-8.552882	0.936416	-20.322901
O	-9.961716	2.715006	-18.445228
Ti	-9.351371	2.650492	-20.285258
O	-10.588414	4.234715	-20.713018
O	-7.425545	3.656285	-16.931855
Ti	-3.776783	-0.715038	-19.784548
O	-4.428680	-2.038552	-18.480797
Ti	-3.944624	-1.266101	-16.841003
O	-3.260441	0.245194	-18.129288
O	-5.423146	-0.015429	-16.304973
O	-5.353570	-0.359213	-20.962673
O	-5.393046	2.705758	-20.469061
Ti	-6.638658	1.173790	-20.385379
O	-6.408931	1.020066	-18.525999
O	-5.156729	2.968356	-16.277224
Ti	-6.546893	1.577351	-16.757972
O	-8.500612	1.198488	-16.333823
O	-3.874702	5.291821	-16.783658
O	-4.157426	5.008794	-20.845138
Ti	-1.032523	0.009772	-20.892242
O	-0.523976	0.712913	-19.056819
O	0.204458	-0.195415	-16.251415
Ti	-1.325847	0.309916	-17.349246
O	-2.015454	-1.490236	-16.549039
O	-2.154398	-1.469901	-20.433706
O	-2.798017	1.121736	-20.744249
Ti	-3.409575	2.959511	-20.385069
O	-3.396242	2.979482	-18.494446
O	-2.140279	1.616748	-16.202831
Ti	-3.160400	3.313324	-16.690345
Ti	-5.755181	10.782115	-22.642500
O	-5.714817	10.215510	-24.531228
O	-6.643974	10.470029	-27.403853
Ti	-5.077325	10.377857	-26.287146
O	-3.774132	11.708386	-26.357528
O	-4.539705	12.196757	-22.589373
O	-4.077857	9.591596	-22.217059
Ti	-3.192847	8.000131	-23.059680
O	-3.272524	7.296407	-24.926318
O	-4.138324	8.980423	-27.140475
Ti	-3.231920	7.397687	-26.731288
O	-2.416102	5.447018	-27.206528
O	-2.414520	5.954019	-22.630145
Ti	-2.798362	11.332388	-22.582947

O	-2.026764	12.392313	-24.033361
Ti	-2.205834	11.181193	-25.432571
O	-2.724964	9.815652	-24.201708
O	-0.908018	10.541755	-26.630742
O	-0.902314	11.090974	-21.838105
O	-1.188458	8.174838	-22.804280
Ti	0.296618	9.608755	-22.545085
O	0.350678	9.741364	-24.400058
O	-1.217156	7.689154	-26.845228
Ti	0.093448	8.983806	-26.139463
O	1.810812	8.507624	-26.735075
O	0.509765	6.956718	-24.995057
O	1.249711	7.350675	-22.416915
O	2.233120	9.874415	-22.310512
O	3.570372	8.082753	-24.263730
Ti	2.993543	8.174318	-22.443233
O	4.066048	6.353487	-22.111150
Ti	2.494727	7.209416	-25.495463
O	3.606653	6.077637	-26.640799
Ti	3.591404	4.490616	-25.711446
Ti	3.795853	4.535773	-22.860670
O	2.811077	3.055476	-26.602029
Ti	0.914074	2.754522	-26.466925
O	0.880888	2.232092	-24.689317
O	2.762590	3.006566	-22.626427
Ti	0.870561	2.631430	-22.822599
O	2.474094	5.287968	-24.331001
O	-0.340646	1.664708	-27.401891
O	0.412924	4.507179	-26.982291
Ti	-0.758559	5.700442	-26.170414
O	4.891707	4.130376	-24.376644
O	-1.178370	5.006594	-24.546984
O	0.316316	4.432216	-22.468257
Ti	-0.395283	6.231033	-23.130493
Ti	-10.413033	7.828691	-23.004560
Ti	-10.391603	7.377470	-25.818010
O	-10.134566	9.718062	-22.843782
Ti	-8.471664	10.157574	-23.565115
O	-8.530254	10.186026	-25.410514
O	-9.887924	8.638993	-27.058358
Ti	-8.062598	9.328311	-27.056061
O	-9.055860	7.201591	-24.343880
O	-7.571949	11.481238	-22.649728
O	-7.418597	8.616762	-22.866601
Ti	-6.962260	6.623021	-23.275905
O	-11.622553	7.881552	-24.493365
O	-6.477765	6.801721	-25.121836
O	-7.402858	7.685026	-27.704077
Ti	-6.610430	6.215438	-26.845877
Ti	-10.212438	4.461923	-22.796769
O	-11.112411	6.162598	-22.189948
O	-8.223202	5.092594	-26.369397

O	-9.276563	2.786305	-27.140222
O	-10.765325	3.997525	-24.527382
Ti	-9.933045	4.285956	-26.199221
O	-10.925962	5.798736	-26.698293
O	-8.474554	5.194926	-22.976040
Ti	-5.043233	0.519469	-25.856580
O	-5.646434	-0.839521	-24.612573
Ti	-5.160077	0.068583	-23.034161
O	-4.553431	1.571559	-24.328415
O	-6.624173	1.350482	-22.536185
O	-6.414545	1.308465	-26.837862
O	-6.057876	4.125597	-27.363662
Ti	-7.403102	2.925961	-26.640309
O	-7.576167	2.939289	-24.754403
O	-6.106024	4.534916	-22.724204
Ti	-7.491553	3.096002	-22.907944
O	-9.447095	2.650712	-22.404392
O	-4.954354	6.868663	-23.039192
O	-4.757995	6.301265	-27.519944
Ti	-2.140341	1.575302	-26.805171
O	-1.882277	1.873806	-24.999841
O	-0.703479	1.323462	-22.492174
Ti	-2.545751	1.598821	-23.234722
O	-3.285169	-0.171331	-22.807238
O	-3.462508	0.163769	-26.787733
O	-3.235401	2.865042	-27.582097
Ti	-4.091592	4.398582	-26.876342
O	-4.303100	4.400059	-25.037056
O	-3.360846	3.181957	-22.569622
Ti	-4.113810	4.970654	-23.201054

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Ti	-1.363398	4.410937	2.429374
O	-1.649990	4.275552	0.611147
O	-2.890238	4.827403	-1.847423
Ti	-1.018224	4.547290	-1.168895
O	-0.179929	6.271586	-1.562627
O	0.005395	5.785157	2.461720
O	-0.298571	3.075019	3.174490
Ti	0.583657	1.541149	2.512387
O	0.738786	1.579011	0.667765
O	-0.307499	2.884966	-1.785941
Ti	0.433926	1.124199	-1.171965
O	1.278240	-0.811745	-1.380584
O	1.288883	-0.368346	3.092020
Ti	1.561313	5.434815	1.498095
O	2.194210	6.806547	0.279030
Ti	1.679164	5.941790	-1.313513
O	1.019298	4.448362	-0.065020
O	3.140360	4.666551	-1.821104
O	2.927663	4.624544	2.470363
O	2.550491	1.831514	2.967285

Ti	3.936351	3.014076	2.272626
O	4.041326	2.993196	0.389573
O	2.457896	1.551136	-1.648958
Ti	3.945571	2.896070	-1.454547
O	5.915057	3.262891	-1.925464
O	4.850557	0.739026	-1.413672
O	4.771761	0.865295	2.098283
O	5.816652	3.186071	2.749081
O	7.219151	1.845640	0.205678
Ti	6.489581	1.622365	1.931943
O	7.590573	0.262325	2.668476
Ti	6.599109	1.414424	-1.519408
O	7.637709	-0.272006	-2.077646
Ti	7.359793	-1.746145	-0.908571
Ti	7.282839	-1.411560	1.877457
O	6.860187	-3.466213	-1.421121
Ti	5.073311	-3.864380	-0.899600
O	5.095461	-3.955067	0.953206
O	6.564547	-2.722187	2.962339
Ti	4.708511	-3.281662	2.680187
O	6.071080	-1.136033	0.390077
O	4.174337	-5.204175	-1.778906
O	4.086825	-2.314593	-1.550622
Ti	3.204355	-0.527035	-1.224333
O	8.574901	-1.898074	0.554692
O	3.025000	-0.744596	0.656224
O	3.973985	-1.676137	3.300951
Ti	3.133090	-0.245458	2.421706
Ti	-7.075025	1.430344	1.364813
Ti	-7.322187	1.429998	-1.484716
O	-6.304669	2.866603	2.267025
Ti	-4.412758	3.174036	2.132826
O	-4.381225	3.725636	0.362864
O	-6.285080	2.967454	-1.691454
Ti	-4.401077	3.407855	-1.520498
O	-5.976567	0.646012	-0.022646
O	-3.149098	4.265566	3.053177
O	-3.908197	1.427109	2.679509
Ti	-2.749971	0.227966	1.858842
O	-8.391933	1.817343	0.056325
O	-2.350852	0.968588	0.249706
O	-3.840010	1.606245	-1.861452
Ti	-3.210548	-0.203895	-1.187651
Ti	-6.000865	-1.303354	1.170702
O	-7.087987	-0.154526	2.309581
O	-4.835932	-1.341094	-1.906659
O	-5.757957	-3.916633	-2.037768
O	-7.101310	-2.171596	-0.043652
Ti	-6.536182	-2.226158	-1.866765
O	-7.660323	-0.420057	-2.168460
O	-4.025494	-1.002958	0.677994
Ti	-0.700471	-5.325770	-1.873633

O	-1.397390	-6.426979	-0.420735
Ti	-1.221913	-5.230744	1.000984
O	-0.821527	-3.833302	-0.230575
O	-2.534559	-4.633874	2.200636
O	-2.574032	-5.045702	-2.622656
O	-2.423773	-2.159884	-1.580515
Ti	-3.820081	-3.660283	-1.868309
O	-3.857187	-3.797032	-0.001404
O	-2.277415	-1.778457	2.480446
Ti	-3.571831	-3.080236	1.739893
O	-5.291788	-2.626140	2.364825
O	-1.071610	0.461331	2.877038
O	-1.208007	0.063817	-1.729699
Ti	2.268908	-4.719392	-1.751190
O	2.236847	-4.147486	0.118698
O	3.282623	-4.451554	2.961423
Ti	1.679208	-4.362838	1.898537
O	0.376057	-5.703866	1.906065
O	1.089342	-6.145798	-1.864976
O	0.571184	-3.548872	-2.160107
Ti	-0.437847	-2.006962	-1.339057
O	-0.262335	-1.373811	0.549737
O	0.698331	-3.018288	2.777044
Ti	-0.266555	-1.468725	2.351512
Ti	-2.560209	6.044134	-3.503725
O	-3.002158	5.253253	-5.353416
O	-3.679849	6.153340	-8.164199
Ti	-2.146137	5.662438	-7.049482
O	-1.475524	7.464910	-7.845068
O	-1.410737	7.492147	-3.958954
O	-0.800796	4.926809	-3.572024
Ti	-0.235745	3.076293	-3.991181
O	-0.157405	3.110983	-5.874957
O	-1.311348	4.389915	-8.198409
Ti	-0.298284	2.675984	-7.672798
O	0.404838	0.713123	-7.591199
O	0.505188	1.054064	-3.498135
Ti	0.244564	6.736059	-4.559457
O	0.913139	8.039269	-5.878140
Ti	0.460374	7.260440	-7.528118
O	-0.250646	5.765109	-6.209842
O	1.936638	6.026895	-8.059831
O	1.834440	6.355276	-3.414090
O	1.763699	3.367763	-3.855720
Ti	3.111854	4.809036	-3.977533
O	2.937980	4.941323	-5.843291
O	1.693303	3.025764	-8.091521
Ti	3.078037	4.427093	-7.624302
O	5.039095	4.811167	-8.013037
O	3.979067	2.330457	-7.479272
O	4.082209	2.483388	-3.741373
O	5.043923	5.005582	-4.013787

O	6.462319	3.255103	-5.878681
Ti	5.818113	3.285494	-4.053405
O	7.007056	1.655570	-3.578970
Ti	5.755815	2.970884	-7.567763
O	6.548867	1.158438	-8.206402
Ti	6.397911	-0.317152	-6.979413
Ti	6.736190	-0.221268	-4.199628
O	5.833565	-1.958621	-7.633904
Ti	4.045254	-2.512571	-7.224128
O	4.281584	-2.990778	-5.462611
O	5.849787	-1.718212	-3.496973
Ti	3.976940	-2.278052	-3.734141
O	5.343392	0.254480	-5.522060
O	3.070948	-3.518506	-8.455969
O	3.136736	-0.846660	-7.689070
Ti	2.367180	0.977844	-7.590093
O	7.817070	-0.604098	-5.719003
O	2.336465	0.895922	-5.698598
O	3.131996	-0.558149	-3.437807
Ti	2.453834	1.272325	-3.930186
Ti	-7.797390	2.806595	-5.095163
Ti	-8.423391	3.013962	-7.862658
O	-6.773047	4.214203	-4.617958
Ti	-5.089085	5.249138	-4.663219
O	-5.536233	5.905069	-6.345055
O	-7.310044	4.493262	-8.121727
Ti	-5.479226	5.046362	-8.042752
O	-7.154247	1.872383	-6.705454
O	-4.408686	6.553888	-3.454440
O	-4.459331	3.632883	-3.607721
Ti	-3.882049	1.754801	-4.054146
O	-9.268348	3.385434	-6.209257
O	-4.119473	1.965196	-5.909543
O	-4.727421	3.268512	-8.186535
Ti	-4.035148	1.420723	-7.681356
Ti	-7.358497	-0.183661	-4.215571
O	-8.053234	1.698440	-3.542884
O	-5.671161	0.382254	-8.212163
O	-6.802337	-1.917080	-7.727825
O	-8.189596	-0.325469	-5.853148
Ti	-7.527510	-0.121118	-7.720052
O	-8.911197	1.203879	-8.595437
O	-5.579333	0.520704	-4.241291
Ti	-1.757095	-3.874287	-7.580134
O	-2.673532	-5.155226	-6.321936
Ti	-2.262880	-4.434849	-4.683231
O	-1.217674	-3.113016	-5.616438
O	-3.664958	-3.201074	-3.982816
O	-3.601740	-3.431394	-8.355839
O	-3.285003	-0.572240	-7.885658
Ti	-4.894047	-1.894288	-7.875019
O	-4.546189	-1.690805	-6.007392

O	-3.188985	-0.272938	-3.525859
Ti	-4.644786	-1.510032	-4.202540
O	-6.653725	-2.023384	-3.931158
O	-1.947754	2.082164	-3.947838
O	-2.082245	1.773957	-8.021056
Ti	1.139250	-3.334241	-7.925907
O	1.551454	-3.064069	-6.071848
O	2.533382	-3.611851	-3.530080
Ti	0.594981	-3.305619	-4.394410
O	-0.451222	-5.021387	-3.981816
O	-0.069762	-4.775080	-7.970514
O	-0.581748	-2.114844	-7.757296
Ti	-1.330658	-0.363297	-7.616694
O	-1.463922	0.006524	-5.748050
O	-0.236688	-1.706929	-3.608590
Ti	-1.188004	-0.024738	-3.937330
Ti	-2.973815	7.590481	-9.535285
O	-3.639048	6.971057	-11.591675
O	-4.487295	7.963139	-14.442779
Ti	-2.954391	7.417972	-13.310992
O	-2.289727	9.237158	-14.173758
O	-1.921364	9.122516	-10.121013
O	-1.348321	6.506660	-10.234927
Ti	-0.991313	4.598919	-10.325912
O	-1.232807	4.538568	-12.214456
O	-2.295245	6.077129	-14.523065
Ti	-1.421829	4.308424	-14.007341
O	-0.706988	2.327816	-14.047592
O	-0.197524	2.527987	-9.888492
Ti	-0.411562	8.338575	-10.931017
O	0.187697	9.716073	-12.234656
Ti	-0.368259	9.004571	-13.872742
O	-1.016365	7.468247	-12.667784
O	1.090967	7.710403	-14.372937
O	0.931475	7.866870	-9.516597
O	0.988709	4.736379	-10.377485
Ti	2.219813	6.293634	-10.161506
O	1.946879	6.638111	-12.015999
O	0.618296	4.662925	-14.366723
Ti	2.008374	6.035957	-13.786849
O	4.000794	6.374211	-14.194214
O	2.835654	3.958608	-13.615962
O	3.227825	4.102736	-9.881741
O	4.144548	6.545118	-10.144615
O	5.468151	4.764399	-12.056532
Ti	4.985168	4.830042	-10.184212
O	6.116277	3.195710	-9.632957
Ti	4.645763	4.564122	-13.718167
O	5.056633	2.619668	-14.282844
Ti	4.676813	1.352595	-12.849148
Ti	5.559777	1.286864	-10.167296
O	3.804972	-0.126820	-13.312866

Ti	2.009363	-1.162524	-13.239746
O	2.873291	-1.770737	-11.617106
O	4.721551	-0.332421	-9.716806
Ti	2.902677	-1.068838	-9.909009
O	3.932725	2.056450	-11.139898
O	1.318674	-2.285136	-14.598766
O	1.637078	0.577077	-14.214590
Ti	1.205768	2.558911	-13.942161
O	6.296906	0.995163	-11.857508
O	1.438067	2.208945	-12.127277
O	2.139674	0.736581	-9.702201
Ti	1.844311	2.657334	-10.377148
Ti	-8.232738	4.510133	-11.456689
Ti	-8.908728	4.646503	-14.195959
O	-7.430304	6.018992	-10.909103
Ti	-5.636171	6.987668	-10.935704
O	-6.228852	7.676449	-12.585006
O	-8.132509	6.358473	-14.472436
Ti	-6.310515	6.906541	-14.319708
O	-7.379708	3.820121	-13.118547
O	-4.875625	8.107411	-9.625889
O	-5.300609	5.164266	-10.060372
Ti	-4.662078	3.263137	-10.369413
O	-9.775272	4.879968	-12.549797
O	-4.755912	3.610765	-12.183475
O	-5.648263	5.061603	-14.501249
Ti	-5.234862	3.157311	-13.924343
Ti	-8.224917	1.401492	-10.577835
O	-8.756812	3.318730	-10.005906
O	-6.659125	1.805976	-14.471773
O	-7.720365	-0.587405	-14.161222
O	-8.939497	1.247507	-12.299632
Ti	-8.449477	1.165274	-14.178676
O	-9.551137	2.797343	-14.822680
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Ti	-3.113105	-2.464430	-13.319796
O	-3.863487	-3.786123	-12.049887
Ti	-3.351386	-3.018203	-10.430423
O	-2.462267	-1.636839	-11.570044
O	-4.827728	-1.791909	-9.972352
O	-4.493599	-1.987438	-14.685385
O	-4.410990	1.098130	-13.944882
Ti	-5.782944	-0.389338	-14.130963
O	-5.529106	-0.558886	-12.255068
O	-4.006484	1.205677	-10.005909
Ti	-5.582690	-0.008638	-10.470140
O	-7.534876	-0.328166	-9.987967
O	-2.727567	3.538107	-10.204203
O	-3.188107	3.355229	-14.356482
Ti	-0.578816	-1.829281	-14.739233
O	0.161813	-1.418548	-12.437001
O	1.142681	-2.119272	-9.635816

Ti	-0.541225	-1.773965	-10.688067
O	-1.515531	-3.382702	-9.831714
O	-1.661409	-3.330751	-14.138585
O	-2.077523	-0.675561	-13.972027
Ti	-2.451423	1.236922	-13.959631
O	-2.077877	1.399288	-12.093621
O	-1.105351	-0.172370	-9.761072
Ti	-1.955007	1.558508	-10.303235
Ti	-3.820389	9.360395	-15.836897
O	-4.558879	8.952572	-18.134739
O	-5.545531	9.657393	-20.935243
Ti	-3.859064	9.307207	-19.885698
O	-2.883056	10.914823	-20.743212
O	-2.736795	10.862861	-16.435883
O	-2.319888	8.207182	-16.603388
Ti	-1.946446	6.294138	-16.614944
O	-2.318678	6.132382	-18.480874
O	-3.298643	7.703948	-20.811744
Ti	-2.444584	5.973502	-20.271190
O	-1.671175	3.993770	-20.370446
O	-1.210046	4.175732	-16.218550
Ti	-1.285243	9.995583	-17.254629
O	-0.534464	11.317323	-18.523480
Ti	-1.047223	10.549368	-20.143980
O	-1.937571	9.168964	-19.004938
O	0.427854	9.322236	-20.602549
O	0.096450	9.519315	-15.890907
O	0.012824	6.433111	-16.629498
Ti	1.384852	7.920514	-16.444137
O	1.130249	8.089373	-18.319948
O	-0.393372	6.326309	-20.568965
Ti	1.184046	7.539609	-20.104982
O	3.135832	7.859529	-20.587478
O	1.998325	5.489760	-19.925628
O	2.260696	5.724725	-16.103472
O	3.322432	8.117998	-16.414954
O	4.540753	6.282503	-18.276512
Ti	4.051009	6.365206	-16.397528
O	5.152600	4.733278	-15.752847
Ti	3.825745	6.130008	-19.998452
O	4.356461	4.212382	-20.569552
Ti	3.834305	3.020963	-19.119633
Ti	4.510342	2.884234	-16.380022
O	3.032880	1.512487	-19.666630
Ti	1.238580	0.544002	-19.639196
O	1.831337	-0.145015	-17.989755
O	3.735160	1.171846	-16.103764
Ti	1.913028	0.624785	-16.254874
O	2.981609	3.710657	-17.457444
O	0.477950	-0.576152	-20.948922
O	0.902815	2.367373	-20.514781
Ti	0.263432	4.268184	-20.205447

O	5.377193	2.651559	-18.026298
O	0.357594	3.919960	-18.391444
O	1.251120	2.469754	-16.073030
Ti	0.836547	4.373429	-16.650680
Ti	-9.075005	6.177493	-17.725541
Ti	-9.957865	6.241226	-20.407566
O	-8.203767	7.656688	-17.260821
Ti	-6.408938	8.694115	-17.332231
O	-7.269499	9.299863	-18.955929
O	-9.116031	7.858733	-20.858930
Ti	-7.297931	8.592401	-20.662148
O	-8.331917	5.471127	-19.434035
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O	-6.535289	6.790785	-20.869806
Ti	-6.242013	4.869094	-20.196472
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O	-9.456672	4.910794	-16.293404
O	-7.626288	3.425640	-20.693318
O	-8.543929	0.984160	-20.431534
O	-9.866547	2.765344	-18.519301
Ti	-9.384170	2.699443	-20.391680
O	-10.516251	4.333921	-20.942834
O	-7.234348	3.572227	-16.958165
Ti	-3.985945	-0.807698	-19.644799
O	-4.585982	-2.184756	-18.341313
Ti	-4.029595	-1.472957	-16.702850
O	-3.381343	0.062947	-17.908174
O	-5.488381	-0.178727	-16.202308
O	-5.329228	-0.336237	-21.058621
O	-5.386500	2.792637	-20.197708
Ti	-6.619096	1.235909	-20.414228
O	-6.346108	0.892790	-18.559469
O	-5.016574	2.868148	-16.208289
Ti	-6.406670	1.495142	-16.788535
O	-8.399276	1.156443	-16.381531
O	-3.691081	5.203431	-16.527623
O	-4.200718	5.001848	-20.685873
Ti	-1.423449	-0.059016	-21.040191
O	-0.759227	0.561224	-18.983751
O	0.089221	-0.431245	-16.132686
Ti	-1.443421	0.113750	-17.264643
O	-2.107798	-1.706085	-16.402641
O	-2.476052	-1.591672	-20.454693
O	-3.049610	1.023847	-20.340842
Ti	-3.406001	2.932114	-20.249291
O	-3.165195	2.992565	-18.360484
O	-2.103565	1.453767	-16.051860
Ti	-2.976312	3.222533	-16.567596

Ti	-5.537219	10.870654	-22.645318
O	-5.957068	10.588071	-24.500038
O	-6.931953	11.142489	-27.044548
Ti	-4.996593	10.834938	-26.176603
O	-3.948077	12.550231	-26.591075
O	-4.326507	12.310523	-22.606459
O	-3.817888	9.647475	-22.812780
Ti	-3.068230	7.895777	-22.956025
O	-2.939464	7.526961	-24.824929
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Ti	-3.213195	7.555011	-26.635411
O	-2.453521	5.448162	-26.625902
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O	-1.722541	12.684290	-24.253498
Ti	-2.136372	11.963664	-25.891292
O	-3.184434	10.644493	-24.954806
O	-0.736020	10.728476	-26.591215
O	-0.795670	10.964384	-22.218159
O	-1.114385	8.105105	-22.687237
Ti	0.495126	9.427465	-22.699767
O	0.147969	9.219512	-24.566673
O	-1.212013	7.802106	-27.047980
Ti	0.244606	9.037928	-26.371572
O	2.253602	9.550878	-26.643034
O	1.178940	7.007188	-26.332331
O	1.272352	7.148110	-22.363836
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O	3.790819	7.857355	-24.721973
Ti	3.128005	7.652404	-22.856296
O	4.510909	6.327016	-21.981463
Ti	2.958319	7.711000	-26.358460
O	3.655749	5.831140	-27.033567
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Ti	4.024099	4.517208	-22.714837
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Ti	0.692052	2.280363	-25.913640
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Ti	1.081422	2.485733	-22.532433
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Ti	-0.519147	5.774452	-26.519468
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Ti	-0.364574	6.111323	-22.892653
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O	-8.684909	10.526451	-25.121787
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Ti	-8.380082	9.810625	-26.846082
O	-9.735526	7.277582	-25.058337
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Ti	-6.765263	6.555323	-22.984291
O	-12.206777	8.139400	-24.852755
O	-6.744030	6.637238	-24.875107
O	-7.533966	8.090179	-27.138134
Ti	-6.855966	6.259809	-26.644553
Ti	-10.153403	4.560649	-23.007619
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O	-8.482085	5.045821	-26.834030
O	-9.443763	2.524173	-26.561240
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Ti	-10.218224	4.244487	-26.521913
O	-11.406683	5.874524	-26.994168
O	-8.376518	5.201937	-23.094281
Ti	-4.643107	0.796386	-26.015186
O	-5.311249	-0.507338	-24.696982
Ti	-4.857641	0.271482	-23.047009
O	-4.147145	1.766930	-24.364796
O	-6.334486	1.504418	-22.515249
O	-6.231863	1.176927	-27.161823
O	-6.164546	4.164053	-26.717591
Ti	-7.512049	2.721730	-26.597847
O	-7.336805	2.588292	-24.732077
O	-6.092247	4.505909	-22.483133
Ti	-7.475915	3.104094	-22.951555
O	-9.436847	2.720314	-22.562730
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Ti	-1.838679	1.487600	-27.071353
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O	-2.921576	0.066546	-22.730632
O	-2.988165	0.039803	-26.616339
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Ti	-4.166122	4.454237	-26.582564
O	-4.245996	4.420561	-24.699011
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Ti	-4.100504	4.854724	-22.901342
Ti	-6.666505	12.251404	-28.822050
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Ti	-6.076337	11.894626	-32.472644
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Ti	-3.962658	9.537546	-29.233927

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O	-5.095995	10.549275	-33.349702
Ti	-4.132551	8.998785	-32.924416
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O	-2.999294	13.956561	-30.152270
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Ti	-0.579583	11.189566	-28.705457
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Ti	-0.826893	10.608846	-32.313533
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Ti	2.136369	9.753851	-28.707207
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Ti	0.004293	4.123308	-29.053706
O	1.580028	6.880638	-30.553377
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Ti	-1.649549	7.300554	-32.431063
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Ti	-11.753088	9.278366	-29.658112
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O	-9.494752	11.493180	-31.528813
O	-10.962430	10.252895	-33.532052
Ti	-9.106322	10.814480	-33.254352
O	-10.466142	8.667979	-30.958763
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Ti	-7.605743	8.058144	-29.351392
O	-12.969532	9.431165	-31.120746

O	-7.423349	8.274569	-31.231503
O	-8.372801	9.208217	-33.874505
Ti	-7.531939	7.776367	-32.997185
Ti	-11.000239	6.115767	-29.054925
O	-12.039228	7.799576	-28.496574
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Ti	-5.958071	2.098384	-32.073162
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O	-7.539242	2.864573	-28.754080
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O	-6.949492	5.699985	-33.542932
Ti	-8.335363	4.517172	-32.848250
O	-8.441374	4.536519	-30.964931
O	-6.858847	5.979956	-28.925485
Ti	-8.346118	4.634467	-29.120878
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O	-5.687278	7.899193	-33.666693
Ti	-3.033371	3.122509	-33.003831
O	-2.746953	3.261738	-31.184852
O	-1.507916	2.705912	-28.726259
Ti	-3.379191	2.987033	-29.406047
O	-4.216608	1.262309	-29.013784
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O	-5.139335	5.951856	-31.242091
O	-4.093642	4.647199	-28.786874
Ti	-4.835475	6.407496	-29.402194

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Ti	-6.726869	3.586965	-2.291642
O	-7.135573	3.392476	-0.454676
O	-9.058321	3.017656	1.797223
Ti	-7.402033	3.819437	1.353242
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O	-6.230039	5.413470	-2.190338
O	-5.136274	2.882003	-2.914432
Ti	-3.511576	2.151638	-2.220610
O	-3.622397	2.253743	-0.420234
O	-5.779474	3.121587	2.097565
Ti	-3.863345	2.701853	1.487140
O	-2.057346	1.363938	2.046880
O	-1.806353	0.938766	-2.519443
Ti	-4.731142	5.827883	-1.137654

O	-5.152919	7.083321	0.218417
Ti	-5.158768	5.885967	1.705508
O	-4.491199	4.530289	0.358458
O	-3.477237	6.550227	2.523212
O	-3.269350	6.030259	-2.229252
O	-2.059844	3.547091	-2.573003
Ti	-1.475011	5.348108	-1.899905
O	-1.632045	5.709829	-0.067392
O	-2.345868	3.982298	1.802460
Ti	-1.658358	5.981604	1.809719
O	-0.222075	7.258689	1.839295
O	0.227368	4.562528	1.977424
O	0.323267	4.074182	-1.470573
O	-0.039986	6.421592	-2.569966
O	1.823872	6.332605	-0.046710
Ti	1.455932	5.588072	-1.716171
Ti	1.332886	6.167803	1.789662
Ti	-0.656911	2.738386	1.624710
O	-0.517304	1.993362	-0.098540
Ti	-0.465974	2.273058	-1.947397
Ti	-9.912683	-1.956741	-1.605031
Ti	-10.155089	-1.683820	1.172357
O	-9.962079	-0.427720	-2.658609
Ti	-8.581561	0.912573	-2.461882
O	-8.828036	1.225202	-0.611947
O	-10.552835	0.074163	1.641037
Ti	-9.104854	1.234948	1.236368
O	-8.725491	-1.603272	-0.111130
O	-8.186044	2.650393	-3.088152
O	-7.121495	-0.049649	-3.043077
Ti	-5.706726	-0.867198	-2.082969
O	-11.276301	-2.189833	-0.279674
O	-5.895984	-0.489101	-0.298718
O	-7.635138	0.415837	2.097960
Ti	-5.969727	-0.568251	1.611829
Ti	-7.678116	-4.158030	-1.635808
O	-9.331503	-3.545083	-2.384576
O	-6.716729	-2.500086	1.703300
O	-6.310514	-5.151206	2.186676
O	-8.217050	-4.636934	0.120736
Ti	-7.889882	-3.969677	1.841216
O	-9.574858	-2.919543	2.475203
O	-6.585432	-2.656730	-1.974206
O	-3.248865	-5.119750	-2.564468
O	-3.250087	-4.746156	2.155716
O	-4.201688	-1.905868	2.025942
Ti	-4.867180	-3.776363	1.713953
O	-4.709275	-3.982505	-0.129696
O	-4.087333	-2.269974	-2.510662
Ti	-4.726732	-4.069334	-2.010658
O	-6.305851	-5.210291	-2.327696
O	-4.269307	0.321588	-2.730430

O	-4.544209	0.760034	1.592366
O	-1.238294	-1.420804	2.192454
Ti	-2.809453	-0.457605	1.554641
O	-2.657383	-0.890594	-0.294585
O	-1.176567	-1.696918	-3.002796
Ti	-2.636913	-0.878535	-2.166643
O	1.031929	1.746226	-2.925030
Ti	2.512340	0.873152	-2.156760
O	2.470778	0.958007	-0.312695
O	1.049633	1.941558	2.205822
Ti	2.590898	0.898225	1.617986
O	4.363903	-0.407020	2.091234
O	4.166794	-0.376220	-2.607801
O	3.203842	5.475475	2.272864
O	2.993824	5.053477	-2.632869
O	3.982443	2.219362	-2.566037
Ti	4.514472	4.056850	-2.041908
O	4.316426	4.152181	-0.198974
O	4.043714	2.283570	1.692296
Ti	4.614711	4.263556	1.667631
O	6.119277	5.465612	1.760665
O	6.570148	2.796063	1.919600
O	6.363647	2.648078	-1.610531
O	6.099918	5.072655	-2.539781
O	8.055284	4.904877	-0.084744
Ti	7.506137	4.154333	-1.692459
O	9.137312	3.445458	-2.388242
Ti	7.661765	4.399279	1.706890
O	9.571915	3.681715	2.167603
Ti	10.231276	1.959527	1.378997
Ti	9.782474	1.999888	-1.388802
O	10.285205	0.131834	1.833458
Ti	8.827238	-1.107094	1.656135
O	8.491488	-1.087052	-0.235662
O	9.815332	0.393076	-2.325733
Ti	8.417294	-0.897814	-2.071433
O	8.677353	1.883843	0.165706
O	8.575215	-2.969348	1.874581
O	7.266038	-0.104965	2.243431
Ti	5.729395	0.987213	1.613218
O	11.264793	2.236509	-0.182503
O	5.641685	0.392628	-0.166192
O	7.013949	0.068939	-2.848696
Ti	5.574739	0.864096	-1.963192
Ti	0.339487	-2.258876	-2.051792
O	0.261942	-2.020719	-0.225691
Ti	0.401349	-2.306184	1.650480
Ti	-1.587631	-5.615140	-1.826806
O	-0.426482	-4.215519	1.589437
O	-0.005059	-6.895428	2.103787
O	-1.947861	-6.253379	-0.094230
Ti	-1.591416	-5.702214	1.675596

O	-0.516250	-4.067186	-1.816649
Ti	4.869945	-6.485080	1.483488
O	5.056253	-7.538677	-0.050439
Ti	4.693938	-6.088109	-1.298757
O	4.559592	-4.982458	0.289182
O	3.117830	-6.131491	-2.273206
O	2.978461	-6.503653	2.052658
O	2.171349	-3.641397	2.042455
Ti	1.369772	-5.470835	1.660982
O	1.351970	-5.516153	-0.190615
O	1.998511	-3.549683	-2.584392
Ti	1.359091	-5.359298	-2.059954
O	-0.097078	-6.488173	-2.642235
O	1.731402	-0.963551	-2.540300
O	1.855066	-0.985986	1.726638
Ti	6.940648	-3.952263	1.721270
O	6.884140	-3.723842	-0.162674
O	8.066572	-2.662999	-2.682648
Ti	6.641530	-3.705334	-2.018107
O	6.194472	-5.561824	-2.263948
O	6.630108	-5.881813	2.228712
O	5.265343	-3.153898	2.290022
Ti	3.620637	-2.253268	1.654182
O	3.521718	-2.258431	-0.246809
O	5.042342	-2.989652	-2.673752
Ti	3.434039	-2.185937	-2.098193
Ti	-5.485313	3.192736	4.300450
O	-5.429957	2.964239	6.184629
O	-6.611577	1.903962	8.705014
Ti	-5.186320	2.944811	8.039432
O	-4.739059	4.801131	8.286021
O	-5.175274	5.121929	3.792006
O	-3.811104	2.393325	3.731101
Ti	-2.166714	1.491899	4.367023
O	-2.068203	1.497168	6.268249
O	-3.587685	2.228513	8.695802
Ti	-1.980087	1.425912	8.119305
O	-0.277766	0.200434	8.561517
O	-0.401635	0.224495	4.294583
Ti	-3.414952	5.725924	4.538140
O	-3.601581	6.778872	6.072609
Ti	-3.239778	5.327782	7.320246
O	-3.105570	4.222561	5.732105
O	-1.663225	5.371361	8.294950
O	-1.523914	5.743947	3.968703
O	-0.718045	2.880310	3.978738
Ti	0.084010	4.709683	4.360430
O	0.101489	4.754974	6.212034
O	-0.544877	2.788614	8.605500
Ti	0.094939	4.598226	8.081293
O	1.550961	5.727496	8.663644
O	1.970221	3.306311	7.838569

O	1.880117	3.454495	4.431794
O	1.458846	6.134462	3.917477
O	3.401703	5.492422	6.115554
Ti	3.045101	4.941139	4.345756
Ti	3.041540	4.853648	7.848453
Ti	1.115053	1.498300	8.072811
O	1.191336	1.260277	6.247103
Ti	1.052324	1.545324	4.370592
Ti	-8.777525	-2.719357	4.642599
Ti	-8.329238	-2.760226	7.410362
O	-8.830633	-0.891679	4.188028
Ti	-7.372700	0.347363	4.365930
O	-7.037553	0.326920	6.256201
O	-8.360846	-1.153832	8.347589
Ti	-6.962769	0.136963	8.093209
O	-7.223126	-2.644406	5.855656
O	-7.120395	2.209511	4.147456
O	-5.812294	-0.656008	3.777986
Ti	-4.275985	-1.748038	4.408596
O	-9.810733	-2.996123	6.203977
O	-4.188267	-1.153196	6.186538
O	-5.559574	-0.830636	8.870696
Ti	-4.121148	-1.625207	7.983821
Ti	-6.208186	-5.159892	4.314333
O	-8.118059	-4.441937	3.854221
O	-4.909988	-3.409577	7.630901
O	-4.645871	-5.833266	8.561547
O	-6.601195	-5.665831	6.107336
Ti	-6.052418	-4.915317	7.713062
O	-7.683080	-4.207402	8.409050
O	-5.123494	-3.557558	4.101872
O	-1.749748	-6.236483	3.748515
O	-1.539194	-5.814188	8.653718
O	-2.528426	-2.980660	8.587282
Ti	-3.060219	-4.818236	8.063161
O	-2.862930	-4.913941	6.220284
O	-2.590147	-3.044635	4.329168
Ti	-3.161174	-5.024799	4.353606
O	-4.665738	-6.226654	4.260055
O	-2.910434	-0.354363	3.929878
O	-2.712848	-0.386506	8.629114
O	0.420797	-2.503462	8.946034
Ti	-1.058332	-1.634467	8.177734
O	-1.017244	-1.719464	6.333900
O	0.404112	-2.702343	3.815344
Ti	-1.137461	-1.659493	4.402987
O	2.691862	0.659896	3.828642
Ti	4.263242	-0.303393	4.466578
O	4.110234	0.129598	6.315917
O	2.631107	0.935800	9.024062
Ti	4.090442	0.117612	8.187838
O	5.723138	-1.082895	8.751596

O	5.997607	-1.521533	4.429036
O	4.702753	4.359276	8.586275
O	4.703933	3.985347	3.865476
O	5.654939	1.145022	3.995152
Ti	6.320462	3.015441	4.307470
O	6.163108	3.221844	6.151010
O	5.540690	1.508954	8.532174
Ti	6.180091	3.308512	8.031882
O	7.759093	4.450044	8.348996
O	8.038758	1.896470	7.995421
O	8.170328	1.739717	4.318368
O	7.764083	4.390757	3.834715
O	9.670850	3.876950	5.900467
Ti	9.343292	3.208934	4.180288
O	11.028637	2.160486	3.546196
Ti	9.131158	3.397956	7.658209
O	10.784519	2.785645	8.407014
Ti	11.366840	1.198294	7.627440
Ti	11.609687	0.925005	4.850126
O	11.416555	-0.331257	8.681148
Ti	10.036105	-1.672451	8.483396
O	10.282555	-1.983066	6.632762
O	12.007904	-0.832702	4.381049
Ti	10.559417	-1.993791	4.787168
O	10.179932	0.844650	6.133459
O	9.639806	-3.410181	9.108692
O	8.575157	-0.709900	9.065080
Ti	7.160323	0.107079	8.102792
O	12.730517	1.431943	6.302279
O	7.349599	-0.271150	6.322045
O	9.089707	-1.174959	3.923917
Ti	7.422956	-0.192236	4.409564
Ti	2.110521	-3.499081	4.396619
O	1.970690	-2.753418	6.119693
Ti	1.920476	-3.034004	7.968101
Ti	0.121894	-6.929162	4.231664
O	1.131003	-4.835387	7.490750
O	1.494681	-7.182205	8.591285
O	-0.369375	-7.094508	6.068083
Ti	-0.001149	-6.349251	7.736734
O	1.226551	-5.323487	4.043903
Ti	6.187138	-6.587672	7.158337
O	6.609425	-7.843014	5.802468
Ti	6.617246	-6.645842	4.315074
O	5.945937	-5.290532	5.662061
O	4.932315	-7.309853	3.497950
O	4.724712	-6.790101	8.249219
O	3.513831	-4.308058	8.594202
Ti	2.929809	-6.108968	7.920817
O	3.084497	-6.471042	6.088357
O	3.799030	-4.743280	4.218785
Ti	3.112256	-6.742515	4.211337

O	1.676532	-8.019459	4.181148
O	3.510939	-2.125296	3.974068
O	3.260227	-1.700430	8.540858
Ti	8.182343	-4.346145	8.311560
O	8.589468	-4.150861	6.476321
O	10.513700	-3.775715	4.224479
Ti	8.856967	-4.580070	4.666164
O	8.536257	-6.363223	4.257039
O	7.685942	-6.172768	8.210848
O	6.590705	-3.642446	8.935124
Ti	4.965508	-2.912479	8.241656
O	5.075847	-3.014875	6.441332
O	7.233686	-3.880985	3.923674
Ti	5.317303	-3.459440	4.533875

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Ti	-6.712333	3.609230	-2.376253
O	-7.136513	3.303727	-0.541468
O	-9.096464	3.272938	1.762103
Ti	-7.433005	3.950007	1.197563
O	-7.148876	5.758769	1.407678
O	-6.253574	5.421823	-2.297449
O	-5.155294	2.873391	-3.043941
Ti	-3.539269	2.106513	-2.371621
O	-3.690163	2.133223	-0.571712
O	-5.734448	3.496523	2.042891
Ti	-3.962763	2.660934	1.317458
O	-2.137311	1.339768	1.816521
O	-1.812395	0.914722	-2.656201
Ti	-4.689805	5.827780	-1.297046
O	-5.068636	7.069250	0.043005
Ti	-5.191938	5.840886	1.550079
O	-4.497078	4.486840	0.127099
O	-3.554730	6.649991	2.389275
O	-3.293143	6.016122	-2.496062
O	-2.108963	3.529499	-2.661942
Ti	-1.540564	5.367451	-2.022992
O	-1.739206	5.769310	-0.210459
O	-2.417525	3.976984	1.549826
Ti	-1.771503	5.981611	1.691094
O	-0.350596	7.271968	1.793929
O	0.129238	4.601455	1.861841
O	0.247483	4.102923	-1.564792
O	-0.097567	6.468155	-2.657458
O	1.723541	6.385158	-0.114778
Ti	1.372725	5.631074	-1.786109
Ti	1.226342	6.202485	1.720272
Ti	-0.736657	2.764570	1.451452
O	-0.530023	1.937936	-0.237551
Ti	-0.501894	2.281788	-2.067175
Ti	-9.644234	-1.777005	-1.200790
Ti	-9.800393	-1.393517	1.627206

O	-9.883541	-0.436762	-2.470085
Ti	-8.624374	1.017477	-2.549946
O	-9.135737	1.513943	-0.774645
O	-10.534005	0.392143	1.758986
Ti	-9.240217	1.530540	1.076827
O	-8.361673	-1.270728	0.229180
O	-8.182501	2.720168	-3.221123
O	-7.181498	-0.000402	-3.139728
Ti	-5.707494	-0.862616	-2.322138
O	-10.923881	-1.946879	0.160203
O	-5.842574	-0.397973	-0.560676
O	-7.663270	0.689655	1.812536
Ti	-6.211978	-0.658142	1.292058
Ti	-7.609681	-4.192326	-1.626302
O	-9.273347	-3.398808	-2.065592
O	-6.775870	-2.661328	1.540311
O	-6.330717	-5.274394	2.208749
O	-8.147828	-4.838252	0.073736
Ti	-7.929409	-4.161509	1.807405
O	-9.562955	-3.189473	2.425119
O	-6.558257	-2.649890	-1.959576
O	-3.219938	-5.139136	-2.656925
O	-3.305268	-4.869296	2.041792
O	-4.338493	-1.943171	1.799991
Ti	-4.925649	-3.869088	1.597393
O	-4.734609	-4.077042	-0.248236
O	-4.122679	-2.302534	-2.730042
Ti	-4.702682	-4.083045	-2.139287
O	-6.292397	-5.191557	-2.497955
O	-4.256259	0.291081	-3.014660
O	-4.720109	0.733318	1.461092
O	-1.358790	-1.430132	1.947133
Ti	-2.986076	-0.449020	1.330048
O	-2.743662	-0.946886	-0.502662
O	-1.204478	-1.748767	-3.195873
Ti	-2.651269	-0.902199	-2.367941
O	0.993794	1.796551	-3.087504
Ti	2.461928	0.905691	-2.336928
O	2.439537	0.995541	-0.494087
O	1.065182	2.077084	2.011365
Ti	2.583520	0.977467	1.434890
O	4.325056	-0.329842	1.882835
O	4.122341	-0.314695	-2.810188
O	3.115683	5.564683	2.212011
O	2.907139	5.105793	-2.717529
O	3.942530	2.266512	-2.695208
Ti	4.423878	4.098244	-2.137857
O	4.225158	4.236719	-0.296868
O	4.046499	2.347272	1.530821
Ti	4.538266	4.359514	1.573499
O	6.055961	5.537686	1.676951
O	6.552738	2.877046	1.783513

O	6.275856	2.684315	-1.640228
O	6.021043	5.089028	-2.651832
O	7.989257	4.987649	-0.186560
Ti	7.414022	4.187034	-1.763290
O	9.041632	3.463511	-2.445697
Ti	7.624872	4.485767	1.610600
O	9.530148	3.775861	2.091793
Ti	10.162370	2.023325	1.342598
Ti	9.691134	2.031268	-1.428435
O	10.276087	0.172970	1.737937
Ti	8.861952	-1.101611	1.550732
O	8.622730	-1.178015	-0.344845
O	9.765838	0.437189	-2.386313
Ti	8.401381	-0.899426	-2.172122
O	8.591945	1.902792	0.129022
O	8.614437	-2.995852	1.861292
O	7.303558	-0.073850	2.051640
Ti	5.755848	1.048016	1.438017
O	11.173012	2.311464	-0.236192
O	5.615036	0.349389	-0.313408
O	6.995847	0.105679	-2.918299
Ti	5.526676	0.891744	-2.079888
Ti	0.318593	-2.249171	-2.216818
O	0.231333	-1.946893	-0.400714
Ti	0.358035	-2.240984	1.474466
Ti	-1.564772	-5.621735	-1.896636
O	-0.387867	-4.190653	1.514062
O	0.029903	-6.867592	2.055780
O	-1.904717	-6.247621	-0.155362
Ti	-1.541859	-5.670334	1.608625
O	-0.503934	-4.064876	-1.884323
Ti	4.956653	-6.385390	1.337393
O	5.048587	-7.473256	-0.205757
Ti	4.604304	-6.045923	-1.430194
O	4.325267	-4.951116	0.104865
O	3.065988	-6.160233	-2.481566
O	3.058862	-6.552958	1.988727
O	2.159313	-3.602188	1.850368
Ti	1.457123	-5.478771	1.539842
O	1.337345	-5.558790	-0.304924
O	1.960448	-3.541291	-2.745243
Ti	1.355243	-5.356055	-2.183166
O	-0.106466	-6.492455	-2.753737
O	1.685468	-0.932383	-2.744401
O	1.823361	-0.917242	1.536621
Ti	6.956515	-3.828822	1.454414
O	6.733008	-3.359954	-0.389056
O	8.018047	-2.618155	-2.886616
Ti	6.537544	-3.596005	-2.220194
O	6.119645	-5.454205	-2.357762
O	6.718507	-5.698037	1.580863
O	5.288559	-2.978013	2.007116

Ti	3.572125	-2.184173	1.404199
O	3.474626	-2.212534	-0.492059
O	4.965647	-2.940128	-3.006049
Ti	3.398501	-2.142484	-2.343508
Ti	-5.367051	3.392186	4.236014
O	-6.022569	3.191643	6.076903
O	-7.544315	2.272663	8.323957
Ti	-5.951083	3.246725	7.889918
O	-5.407204	5.110094	8.047576
O	-5.314701	5.378018	3.658532
O	-3.781164	2.531750	3.521177
Ti	-2.209763	1.462610	4.122987
O	-2.344754	1.650070	5.955000
O	-4.136706	2.628469	8.277296
Ti	-2.407903	1.788484	7.858677
O	-0.564565	0.536241	8.297265
O	-0.431901	0.261482	4.021646
Ti	-3.571528	5.937988	4.435849
O	-3.641658	6.864579	6.065829
Ti	-3.723110	5.343720	7.280912
O	-3.738182	4.299343	5.585716
O	-2.275823	5.463533	8.539290
O	-1.760405	5.615330	3.836983
O	-0.794114	2.908305	3.741983
Ti	-0.030206	4.728209	4.278616
O	-0.473417	5.023283	6.073439
O	-0.984450	3.157148	8.038456
Ti	-0.287479	5.103249	7.939761
O	1.156862	6.416713	7.890950
O	1.606026	3.785152	8.137693
O	1.748681	3.563152	4.406834
O	1.324591	6.159687	3.847163
O	3.291909	5.591903	6.042068
Ti	2.973345	5.014792	4.291213
Ti	2.734488	5.386055	7.869512
Ti	0.795453	1.925387	7.845931
O	0.943181	1.739637	6.041031
Ti	0.985242	1.612525	4.115528
Ti	-8.842962	-2.774905	4.518560
Ti	-8.709950	-2.462652	7.314182
O	-8.987707	-1.021970	3.594849
Ti	-7.481329	0.393618	3.970449
O	-8.017966	0.592647	5.799188
O	-9.109806	-0.796805	8.028259
Ti	-7.799082	0.547409	7.623443
O	-7.491469	-2.329409	5.833097
O	-6.797356	2.117344	3.911671
O	-6.066651	-0.832113	3.487780
Ti	-4.391337	-1.772055	4.122044
O	-10.013626	-2.988657	5.991259
O	-4.596485	-1.377817	5.911499
O	-6.200390	-0.352548	8.209711

Ti	-4.576672	-1.424345	7.805202
Ti	-6.217568	-5.234411	4.350098
O	-8.095425	-4.507110	3.922999
O	-5.260492	-3.357385	7.836370
O	-4.811979	-6.000132	8.306178
O	-6.819421	-5.439768	6.193715
Ti	-6.417460	-4.853856	7.899411
O	-8.043524	-3.734312	8.558609
O	-5.156415	-3.644439	3.945514
O	-1.701867	-6.152927	3.723359
O	-1.691837	-5.551940	8.302855
O	-2.773622	-2.714712	8.307170
Ti	-3.365148	-4.606126	7.904026
O	-3.137657	-4.673368	6.091945
O	-2.636365	-3.048752	4.042787
Ti	-3.207420	-5.023331	4.218631
O	-4.701739	-6.301250	4.339511
O	-3.042162	-0.356340	3.713117
O	-3.134352	-0.097694	7.859987
O	0.272462	-2.253443	8.376715
Ti	-1.365171	-1.290392	7.845609
O	-1.205337	-1.527790	6.017452
O	0.444784	-2.539114	3.646705
Ti	-1.231303	-1.638522	4.111989
O	2.635422	0.732036	3.665478
Ti	4.272733	-0.230964	4.196571
O	4.112857	0.005573	6.024637
O	2.463464	1.017859	8.395894
Ti	4.138798	0.116595	7.930101
O	5.949889	-1.165512	8.328926
O	6.042383	-1.423296	4.182358
O	4.610323	4.632200	8.319596
O	4.600498	4.031159	3.739633
O	5.680646	1.193651	3.735199
Ti	6.273049	3.084729	4.138641
O	6.045227	3.152146	5.950542
O	5.543499	1.527346	7.999518
Ti	6.115183	3.501946	7.823916
O	7.609957	4.779797	7.702942
O	8.063927	2.123128	8.097339
O	8.168222	1.836472	4.206278
O	7.720189	4.479091	3.736332
O	9.727483	3.918002	5.849107
Ti	9.325851	3.332765	4.143270
O	10.950978	2.212760	3.484062
Ti	9.125586	3.712793	7.692792
O	11.003247	2.985324	8.120061
Ti	11.751485	1.253369	7.524407
Ti	11.617659	0.940962	4.728717
O	11.896131	-0.499232	8.448649
Ti	10.389598	-1.913008	8.071668
O	10.923395	-2.113973	6.242345

O	12.017238	-0.725217	4.014918
Ti	10.705326	-2.068960	4.417947
O	10.399716	0.807485	6.210272
O	9.704361	-3.636793	8.132003
O	8.973915	-0.688315	8.553855
Ti	7.298178	0.250794	7.919861
O	12.921566	1.467206	6.051268
O	7.503470	-0.142103	6.130155
O	9.108007	-1.167578	3.831354
Ti	7.484123	-0.096417	4.236333
Ti	2.112995	-3.446828	4.196432
O	1.965336	-3.261386	6.001212
Ti	1.922561	-3.134148	7.926860
Ti	0.173114	-6.907466	4.173410
O	1.159570	-5.085089	7.635782
O	1.583796	-7.681262	8.195719
O	-0.383782	-7.113688	6.000776
Ti	-0.063834	-6.535783	7.751707
O	1.303315	-5.306370	3.905171
Ti	6.480500	-7.459714	7.609224
O	6.549359	-8.388838	5.978091
Ti	6.630837	-6.869547	4.764148
O	6.646933	-5.822566	6.457217
O	5.184322	-6.985292	3.504424
O	4.668814	-7.136440	8.206574
O	3.701833	-4.430227	8.300766
Ti	2.938362	-6.249991	7.764228
O	3.382564	-6.544825	5.969402
O	3.893895	-4.678468	4.003803
Ti	3.194100	-6.624332	4.103073
O	1.751740	-7.937902	4.151709
O	3.473246	-2.058129	3.745040
O	3.340058	-1.783495	8.020451
Ti	8.276608	-4.914038	7.808637
O	8.935342	-4.720594	5.968803
O	10.449529	-3.795169	3.719423
Ti	8.859463	-4.771687	4.156041
O	8.312801	-6.634188	3.995975
O	8.223627	-6.899815	8.386081
O	6.689160	-4.054330	8.521207
Ti	5.117807	-2.984735	7.919365
O	5.254146	-3.172953	6.087286
O	7.049858	-4.144993	3.765746
Ti	5.317451	-3.310772	4.183630
Ti	-4.046575	2.310286	10.588046
O	-3.826078	1.839312	12.431151
O	-5.110042	1.093873	14.928667
Ti	-3.629269	2.076239	14.262074
O	-3.209568	3.934098	14.400428
O	-3.809386	4.179313	10.464043
O	-2.379882	1.457197	10.035790
Ti	-0.663977	0.662317	10.637923

O	-0.566696	0.691301	12.534457
O	-2.057492	1.419104	15.048011
Ti	-0.490567	0.620308	14.385722
O	1.222575	-0.588231	14.786452
O	1.084905	-0.604347	10.505987
Ti	-2.047577	4.866128	10.706537
O	-2.137522	5.953801	12.250291
Ti	-1.695966	4.525664	13.473728
O	-1.416796	3.431094	11.938725
O	-0.156547	4.639263	14.525730
O	-0.149818	5.032530	10.054255
O	0.748561	2.080747	10.192248
Ti	1.451222	3.957222	10.502778
O	1.571349	4.036749	12.347855
O	0.947606	2.019731	14.787984
Ti	1.553454	3.834523	14.225630
O	3.015045	4.971232	14.796521
O	3.412243	2.543206	13.928226
O	3.295850	2.669462	10.528664
O	2.878393	5.346445	9.987204
O	4.812982	4.725793	12.198477
Ti	4.449810	4.149194	10.434039
Ti	4.473406	4.100139	13.939863
Ti	2.589189	0.727664	14.259382
O	2.676354	0.426509	12.443839
Ti	2.549536	0.719891	10.568148
Ti	-7.253469	-3.542618	10.699016
Ti	-6.782576	-3.551106	13.469715
O	-7.365981	-1.692397	10.303686
Ti	-5.953234	-0.415355	10.489495
O	-5.714517	-0.338107	12.386208
O	-6.857069	-1.956350	14.426834
Ti	-5.493326	-0.619007	14.212120
O	-5.682937	-3.422665	11.912825
O	-5.704834	1.479254	10.174352
O	-4.395249	-1.444488	9.990439
Ti	-2.849173	-2.568671	10.603855
O	-8.264409	-3.830707	12.277770
O	-2.707858	-1.869176	12.356454
O	-4.088357	-1.625393	14.959020
Ti	-2.619147	-2.412473	14.121027
Ti	-4.717042	-6.006759	10.431969
O	-6.621735	-5.296279	9.950993
O	-3.368075	-4.205209	13.681868
O	-3.113041	-6.609484	14.694931
O	-5.080820	-6.509014	12.229701
Ti	-4.506018	-5.707522	13.805286
O	-6.133263	-4.985731	14.487572
O	-3.643449	-4.397761	10.259042
O	-0.207502	-7.085923	9.830826
O	0.001509	-6.626410	14.759928
O	-1.035068	-3.787727	14.737492

Ti	-1.515575	-5.619395	14.180392
O	-1.317111	-5.758525	12.339488
O	-1.139518	-3.868449	10.511733
Ti	-1.631274	-5.880629	10.469098
O	-3.147845	-7.058519	10.365218
O	-1.417255	-1.191778	10.159108
O	-1.214635	-1.205929	14.852499
O	1.915193	-3.324705	15.129528
Ti	0.445543	-2.427090	14.379111
O	0.468061	-2.517336	12.536393
O	1.842208	-3.598781	10.031077
Ti	0.323807	-2.499032	10.607359
O	4.266026	-0.091621	10.095134
Ti	5.892769	-1.072718	10.712385
O	5.650985	-0.574883	12.545224
O	4.110735	0.227192	15.238636
Ti	5.559158	-0.619540	14.410594
O	7.164635	-1.809826	15.056731
O	7.626910	-2.255082	10.581508
O	6.128647	3.618065	14.699996
O	6.213442	3.348074	10.000715
O	7.244964	0.421705	10.242235
Ti	7.833261	2.347295	10.445123
O	7.641953	2.555087	12.290829
O	7.028694	0.781130	14.772616
Ti	7.610950	2.561561	14.181710
O	9.200676	3.670945	14.539829
O	9.466780	1.129202	14.003511
O	9.683347	1.139134	10.502352
O	9.238725	3.752438	9.834310
O	11.056035	3.315957	11.969239
Ti	10.837197	2.639310	10.235858
O	12.471532	1.668222	9.617621
Ti	10.518374	2.671137	13.669694
O	12.182403	1.877395	14.109599
Ti	12.555156	0.257438	13.244830
Ti	12.710041	-0.126182	10.417234
O	12.793719	-1.083658	14.513659
Ti	11.533541	-2.536784	14.593240
O	12.042645	-3.033287	12.817487
O	13.442251	-1.912356	10.284456
Ti	12.147589	-3.049777	10.966287
O	11.272608	-0.248320	11.815166
O	11.092037	-4.239490	15.264054
O	10.090101	-1.519489	15.182528
Ti	8.615424	-0.658439	14.364488
O	13.834828	0.427072	11.883307
O	8.750458	-1.121518	12.603066
O	10.570647	-2.209212	10.230578
Ti	9.118002	-0.863562	10.749705
Ti	3.643615	-4.286004	10.591101
O	3.437911	-3.458457	12.280556

Ti	3.409552	-3.802836	14.109475
Ti	1.681710	-7.724295	10.322702
O	2.661268	-5.624205	13.606980
O	3.006053	-7.988992	14.700836
O	1.185001	-7.907280	12.157790
Ti	1.535916	-7.152400	13.828691
O	2.778598	-6.123110	10.181552
Ti	7.599596	-7.348321	13.341292
O	7.978826	-8.590248	12.001736
Ti	8.101502	-7.362915	10.494101
O	7.405229	-6.008402	11.916123
O	6.463567	-8.171496	9.655326
O	6.201922	-7.536793	14.538830
O	5.016838	-5.050926	14.704588
Ti	4.449175	-6.888933	14.065969
O	4.647279	-7.291376	12.253518
O	5.324820	-5.498780	10.493615
Ti	4.679455	-7.503494	10.352219
O	3.258729	-8.793678	10.248712
O	5.045229	-2.861416	10.225623
O	4.720545	-2.437083	14.698918
Ti	9.621876	-5.129048	14.420237
O	10.045147	-4.823658	12.584874
O	12.004328	-4.792377	10.280931
Ti	10.341636	-5.471518	10.845815
O	10.057852	-7.278887	10.635918
O	9.162876	-6.941704	14.341936
O	8.063901	-4.393896	15.086570
Ti	6.447471	-3.628004	14.414232
O	6.597867	-3.654798	12.614290
O	8.642949	-5.017273	10.001104
Ti	6.870015	-4.182353	10.725329

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Ti	-6.779650	3.594863	-1.931171
O	-7.249036	3.124317	-0.164652
O	-9.466257	3.176997	1.759183
Ti	-7.580930	3.624104	1.702887
O	-7.298723	5.464143	1.745854
O	-6.416428	5.420972	-2.046025
O	-5.252498	2.901145	-2.782524
Ti	-3.584387	2.111388	-2.416234
O	-3.577049	1.951378	-0.608688
O	-5.548598	3.483057	2.075557
Ti	-3.953764	2.585195	1.230422
O	-2.160252	1.273391	1.694775
O	-1.846441	0.929873	-2.832240
Ti	-4.780937	5.818053	-1.162405
O	-5.252162	6.942460	0.242734
Ti	-5.352204	5.640990	1.699781
O	-4.528562	4.378337	0.068703
O	-3.672386	6.461744	2.468261

O	-3.391020	6.064507	-2.392272
O	-2.162537	3.543066	-2.691902
Ti	-1.644084	5.371166	-2.002846
O	-1.794794	5.751206	-0.177219
O	-2.429719	3.900820	1.524996
Ti	-1.862724	5.921840	1.730081
O	-0.430019	7.213071	1.832116
O	0.087950	4.543444	1.823406
O	0.172117	4.068425	-1.549054
O	-0.169544	6.425994	-2.654993
O	1.663323	6.360330	-0.125060
Ti	1.300827	5.584875	-1.783488
Ti	1.151211	6.153246	1.709985
Ti	-0.750331	2.716152	1.335685
O	-0.549547	1.840571	-0.341796
Ti	-0.542223	2.262030	-2.152870
Ti	-9.667854	-1.794208	-1.386064
Ti	-9.886131	-1.412600	1.444404
O	-9.889016	-0.464133	-2.644861
Ti	-8.695278	1.072315	-2.633599
O	-9.539380	1.533878	-0.968106
O	-10.695670	0.311316	1.612363
Ti	-9.516024	1.559514	0.873792
O	-8.414009	-1.253619	0.066400
O	-8.166625	2.810650	-3.012170
O	-7.248972	0.065025	-3.279664
Ti	-5.770639	-0.797643	-2.479267
O	-10.958802	-2.000223	-0.043548
O	-5.955069	-0.315861	-0.726142
O	-7.840073	0.744035	1.567808
Ti	-6.357435	-0.643041	1.116253
Ti	-7.640244	-4.164371	-1.794149
O	-9.305333	-3.416626	-2.262863
O	-6.898892	-2.648051	1.430612
O	-6.431482	-5.284314	2.039959
O	-8.203482	-4.825155	-0.100912
Ti	-8.027745	-4.174537	1.645470
O	-9.676720	-3.203254	2.260036
O	-6.607008	-2.600409	-2.070271
O	-3.260703	-5.071917	-2.820392
O	-3.424099	-4.909217	1.868736
O	-4.506403	-1.938311	1.613396
Ti	-5.028988	-3.889097	1.428419
O	-4.836047	-4.061430	-0.418246
O	-4.205432	-2.257283	-2.941265
Ti	-4.757379	-4.026450	-2.317619
O	-6.333335	-5.137077	-2.712094
O	-4.300204	0.332875	-3.178927
O	-4.830551	0.698604	1.320468
O	-1.507018	-1.527586	1.684563
Ti	-3.095681	-0.459446	1.109220
O	-2.844109	-1.007549	-0.714853

O	-1.250177	-1.726914	-3.411881
Ti	-2.702760	-0.880128	-2.571660
O	0.971529	1.833238	-3.182006
Ti	2.451483	0.908450	-2.493399
O	2.459920	0.984369	-0.649992
O	1.053021	2.071449	1.884675
Ti	2.562662	0.981417	1.284057
O	4.288649	-0.341008	1.734878
O	4.119616	-0.328145	-2.980958
O	3.058057	5.487321	2.170687
O	2.846549	5.058465	-2.717563
O	3.965442	2.238210	-2.816086
Ti	4.391154	4.060285	-2.207285
O	4.236406	4.223817	-0.363443
O	4.055929	2.317544	1.410874
Ti	4.504747	4.333360	1.516668
O	6.037721	5.502298	1.642643
O	6.554189	2.840504	1.699529
O	6.239022	2.603355	-1.648497
O	6.015932	4.995939	-2.737701
O	7.979299	4.922606	-0.253859
Ti	7.384647	4.092857	-1.809994
O	8.993049	3.319992	-2.483904
Ti	7.606970	4.456562	1.554079
O	9.495370	3.688030	2.019461
Ti	10.111079	1.905580	1.325505
Ti	9.635092	1.894616	-1.443852
O	10.206672	0.043603	1.702094
Ti	8.837470	-1.275480	1.528472
O	8.719167	-1.495243	-0.355114
O	9.776190	0.274416	-2.362313
Ti	8.430120	-1.072602	-2.168327
O	8.528613	1.736058	0.095847
O	8.442487	-3.228100	2.005080
O	7.276712	-0.213148	1.898087
Ti	5.773045	1.018455	1.312511
O	11.108832	2.209869	-0.260543
O	5.583837	0.234793	-0.409347
O	7.030871	-0.024994	-2.878687
Ti	5.523550	0.815336	-2.156563
Ti	0.277892	-2.207474	-2.439395
O	0.190763	-1.859366	-0.632073
Ti	0.255555	-2.234995	1.230840
Ti	-1.611459	-5.573204	-2.063347
O	-0.490314	-4.193861	1.293409
O	-0.075620	-6.861764	1.883398
O	-1.978900	-6.236619	-0.343588
Ti	-1.641653	-5.671030	1.433647
O	-0.532437	-4.023374	-2.053441
Ti	4.836407	-6.502387	1.155187
O	4.888359	-7.572111	-0.409396
Ti	4.534847	-6.103848	-1.613268

O	4.305183	-5.016122	-0.068579
O	3.010753	-6.145560	-2.682457
O	2.945418	-6.583736	1.807201
O	2.058240	-3.592509	1.632829
Ti	1.355872	-5.479490	1.371286
O	1.292258	-5.546966	-0.486170
O	1.922413	-3.519814	-2.941655
Ti	1.305134	-5.325118	-2.357917
O	-0.161787	-6.452468	-2.930588
O	1.680386	-0.916516	-2.963951
O	1.732777	-0.900259	1.346116
Ti	6.752727	-3.956889	1.274709
O	6.757485	-3.407017	-0.534270
O	8.033827	-2.730703	-3.010603
Ti	6.515435	-3.673188	-2.376092
O	6.082889	-5.522311	-2.507600
O	6.626219	-5.832610	1.344582
O	5.146849	-3.026878	1.808485
Ti	3.451315	-2.146230	1.226854
O	3.409801	-2.223943	-0.671229
O	4.957748	-2.970783	-3.131775
Ti	3.372581	-2.144005	-2.521409
Ti	-5.427241	3.232754	4.316191
O	-5.964678	2.488605	6.035837
O	-7.733936	2.147623	8.247890
Ti	-5.943067	2.909213	7.901232
O	-5.709204	4.815085	7.852381
O	-5.440001	5.245599	3.853090
O	-3.952863	2.264535	3.502239
Ti	-2.258541	1.380644	3.970112
O	-2.219158	1.443706	5.805253
O	-3.867957	2.925332	7.966266
Ti	-2.380990	1.735802	7.689691
O	-0.550449	0.475252	8.087100
O	-0.481579	0.157240	3.808436
Ti	-3.645564	5.773260	4.521089
O	-3.723884	6.597161	6.181495
Ti	-3.874525	5.008695	7.359708
O	-3.783909	4.069461	5.523104
O	-2.360377	5.468556	8.556752
O	-1.818712	5.520028	3.857042
O	-0.840758	2.831346	3.645228
Ti	-0.080569	4.648248	4.251879
O	-0.452902	4.938562	6.051767
O	-0.958998	3.122316	7.868410
Ti	-0.397485	5.121560	7.939823
O	1.074105	6.398437	7.933409
O	1.584991	3.788253	8.085204
O	1.697192	3.473131	4.345963
O	1.285883	6.089714	3.822757
O	3.230865	5.522029	6.004697
Ti	2.921159	4.924481	4.249692

Ti	2.682594	5.378614	7.844859
Ti	0.777251	1.950801	7.666659
O	0.973129	1.551461	5.895027
Ti	0.914394	1.522084	3.979848
Ti	-8.927491	-2.764153	4.312891
Ti	-8.798530	-2.471323	7.103334
O	-9.012887	-1.009193	3.392814
Ti	-7.668488	0.572183	3.689191
O	-8.290032	0.792035	5.454286
O	-9.203302	-0.770220	7.730099
Ti	-7.945409	0.595665	7.264124
O	-7.573933	-2.332669	5.633592
O	-7.229095	2.487482	3.528304
O	-6.179246	-0.594082	3.349734
Ti	-4.568637	-1.743560	3.882371
O	-10.104817	-2.980675	5.776892
O	-4.710479	-1.355205	5.684939
O	-6.310607	-0.331160	7.834312
Ti	-4.652902	-1.456788	7.554622
Ti	-6.332973	-5.229922	4.203299
O	-8.209618	-4.530909	3.753546
O	-5.380965	-3.371274	7.679224
O	-4.981093	-6.013018	8.263761
O	-6.912310	-5.455968	6.052241
Ti	-6.553827	-4.863960	7.770768
O	-8.212408	-3.793753	8.345742
O	-5.310105	-3.622731	3.774840
O	-1.798931	-6.161563	3.560309
O	-1.853566	-5.674190	8.144993
O	-2.888442	-2.748820	8.058708
Ti	-3.509319	-4.671358	7.757004
O	-3.314807	-4.747605	5.940650
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Ti	-3.316521	-5.048622	4.053223
O	-4.826801	-6.310628	4.160496
O	-3.124316	-0.423345	3.485637
O	-3.204797	-0.122996	7.680145
O	0.188157	-2.260805	8.134566
Ti	-1.449072	-1.318027	7.581255
O	-1.341421	-1.670803	5.777002
O	0.311067	-2.576198	3.387564
Ti	-1.378819	-1.701706	3.864393
O	2.597409	0.703205	3.492258
Ti	4.235075	-0.230415	4.026648
O	4.131875	0.117695	5.843260
O	2.531979	1.221944	8.253289
Ti	4.146077	0.234897	7.742026
O	5.880730	-1.067449	8.156708
O	5.983330	-1.471787	3.963075
O	4.607904	4.693827	8.297000
O	4.572531	3.968667	3.678586
O	5.688293	1.165756	3.590945

Ti	6.265148	3.053770	4.068391
O	6.114435	3.201236	5.877854
O	5.594522	1.605779	7.863735
Ti	6.125225	3.585534	7.764509
O	7.713712	4.726690	7.681574
O	8.172197	2.071962	8.015622
O	8.149118	1.770649	4.088473
O	7.733687	4.437906	3.676009
O	9.783542	3.867125	5.782203
Ti	9.322079	3.263839	4.083137
O	10.936162	2.135198	3.410100
Ti	9.249211	3.645457	7.639464
O	11.129997	2.949128	8.193400
Ti	11.791114	1.187358	7.554252
Ti	11.566628	0.925784	4.760443
O	11.763673	-0.578281	8.179680
Ti	10.465420	-2.027303	8.070687
O	10.934999	-2.488588	6.301303
O	11.890936	-0.799259	4.145893
Ti	10.647310	-2.203803	4.486657
O	10.343998	0.925856	6.193412
O	9.844013	-3.943125	8.448482
O	8.883795	-0.964935	8.296354
Ti	7.339726	0.262385	7.745160
O	12.921615	1.407917	6.029385
O	7.468923	-0.190528	5.959964
O	9.062321	-1.292494	3.759967
Ti	7.450338	-0.161511	4.084497
Ti	1.967826	-3.428418	3.992907
O	1.805124	-3.203558	5.796119
Ti	1.903486	-3.063821	7.701283
Ti	0.081945	-6.888673	4.022057
O	1.136944	-5.048864	7.517331
O	1.526643	-7.640245	8.108739
O	-0.418103	-7.050468	5.874018
Ti	-0.094826	-6.479139	7.634523
O	1.187520	-5.296880	3.708439
Ti	6.587478	-7.138444	7.387428
O	6.628176	-8.046651	5.738249
Ti	6.593267	-6.512524	4.530576
O	6.416844	-5.482008	6.221213
O	5.097077	-6.953409	3.310606
O	4.701197	-7.129552	8.026016
O	3.684376	-4.376899	8.063238
Ti	2.940802	-6.236262	7.619751
O	3.273889	-6.555585	5.809901
O	3.705701	-4.676590	3.831011
Ti	3.125996	-6.645149	3.934474
O	1.651251	-7.932952	3.986319
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Ti	8.288237	-4.595947	7.341245

O	8.714621	-3.851302	5.620353
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Ti	8.765230	-4.452594	3.792489
O	8.430555	-6.305968	3.961532
O	8.367949	-6.467586	7.720904
O	6.815304	-3.693129	8.211595
Ti	5.042885	-2.885961	7.705581
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Ti	5.121031	-3.296433	3.996067
Ti	-3.925795	2.314867	10.724414
O	-4.351977	1.567648	12.445055
O	-6.208918	1.509889	14.569387
Ti	-4.402088	2.171695	14.272327
O	-4.067548	4.024497	14.101176
O	-4.005880	4.186963	10.346514
O	-2.453050	1.411189	9.853448
Ti	-0.680804	0.603618	10.358679
O	-0.643339	0.745106	12.194544
O	-2.335678	2.108383	14.494084
Ti	-0.759179	1.014243	14.068301
O	1.020261	-0.255954	14.497030
O	1.092054	-0.618085	10.259599
Ti	-2.224963	4.857743	10.676683
O	-2.263200	5.765298	12.326475
Ti	-2.229698	4.230344	13.533146
O	-2.053885	3.200180	11.842738
O	-0.733892	4.670718	14.753766
O	-0.339278	4.846490	10.037616
O	0.677387	2.094431	10.000466
Ti	1.421582	3.953217	10.444520
O	1.089730	4.271765	12.254540
O	0.656236	2.393856	14.233554
Ti	1.236957	4.362556	14.130306
O	2.711811	5.650395	14.078021
O	3.174462	3.013849	14.355852
O	3.225414	2.765291	10.546848
O	2.835983	5.357352	9.955448
O	4.780541	4.766618	12.190807
Ti	4.457631	4.195340	10.430425
Ti	4.280148	4.605800	14.042873
Ti	2.393517	1.145180	14.071492
O	2.555155	0.919676	12.268427
Ti	2.457854	0.781376	10.362518
Ti	-7.427989	-3.469063	10.510691
Ti	-7.203512	-3.208160	13.304711
O	-7.398443	-1.704455	9.885633
Ti	-6.100022	-0.253122	9.996179
O	-6.574432	0.207454	11.764124
O	-7.526523	-1.482775	13.918790
Ti	-6.283918	-0.076975	13.578506
O	-5.980744	-3.209906	11.872101

O	-5.477353	1.659955	9.613953
O	-4.519606	-1.318408	9.768795
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O	-8.558494	-3.689853	12.035958
O	-3.106146	-2.092247	12.104608
O	-4.699698	-0.989506	14.305222
Ti	-3.088945	-2.121534	13.980047
Ti	-4.886932	-5.928113	10.424863
O	-6.767275	-5.231140	9.870620
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O	-3.371045	-6.721505	14.387744
O	-5.420488	-6.150746	12.282110
Ti	-4.959099	-5.547100	13.981271
O	-6.573050	-4.418951	14.656096
O	-3.810387	-4.354480	10.048779
O	-0.245193	-6.976824	9.767995
O	-0.209654	-6.252283	14.384948
O	-1.327255	-3.448978	14.473330
Ti	-1.902588	-5.337332	13.996302
O	-1.752237	-5.484092	12.186787
O	-1.232429	-3.888847	10.200349
Ti	-1.762317	-5.868642	10.300124
O	-3.350971	-7.009144	10.382304
O	-1.518186	-1.215403	9.907312
O	-1.622497	-0.810448	14.101485
O	1.764283	-2.984700	14.571595
Ti	0.124743	-2.052445	14.037874
O	0.229927	-2.400994	12.221276
O	1.830009	-3.504823	9.810102
Ti	0.216081	-2.517548	10.322668
O	4.173789	-0.021496	9.929447
Ti	5.811524	-0.963257	10.483761
O	5.702217	-0.609863	12.287846
O	4.051428	0.295278	14.677487
Ti	5.740685	-0.581529	14.200432
O	7.485817	-1.858938	14.579229
O	7.566714	-2.157915	10.382964
O	6.161240	3.877924	14.504185
O	6.216167	3.391666	9.919418
O	7.250949	0.466491	10.005026
Ti	7.871980	2.388515	10.307814
O	7.677074	2.465007	12.123962
O	7.168704	0.811821	14.234920
Ti	7.678959	2.765009	14.011861
O	9.190309	4.026599	13.903346
O	9.671307	1.338231	14.290239
O	9.743398	1.088019	10.385022
O	9.343625	3.730214	9.800528
O	11.274311	3.172378	12.012645
Ti	10.916001	2.581408	10.293928
O	12.572402	1.509019	9.720510
Ti	10.695613	2.945177	13.862112

O	12.573553	2.249627	14.312827
Ti	13.291104	0.483365	13.752898
Ti	13.158944	0.187049	10.962054
O	13.376484	-1.270505	14.673520
Ti	12.032268	-2.853585	14.376911
O	12.657877	-3.068122	12.612445
O	13.563763	-1.512757	10.330796
Ti	12.308244	-2.879044	10.802789
O	11.936796	0.048935	12.433946
O	11.596267	-4.767851	14.530848
O	10.540745	-1.690698	14.717258
Ti	8.930303	-0.541502	14.184372
O	14.466332	0.698570	12.286163
O	9.070973	-0.925403	12.380726
O	10.673633	-1.952114	10.233498
Ti	9.015867	-0.826340	10.510873
Ti	3.584642	-4.232639	10.396674
O	3.390320	-3.833800	12.168727
Ti	3.446814	-3.804354	14.084350
Ti	1.680220	-7.662208	10.219755
O	2.662911	-5.754951	13.717409
O	3.077255	-8.372530	14.240520
O	1.131611	-7.806680	12.059613
Ti	1.441794	-7.208039	13.814261
O	2.777964	-6.071475	9.979256
Ti	8.006805	-8.051511	13.540069
O	8.085397	-8.876576	11.881329
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O	8.148568	-6.348346	12.538998
O	6.722153	-7.748696	9.506650
O	6.179765	-7.799575	14.204093
O	5.201977	-5.113449	14.418845
Ti	4.441122	-6.929200	13.811520
O	4.814279	-7.220102	12.011497
O	5.320642	-5.403689	10.195510
Ti	4.758571	-7.402769	10.124322
O	3.288513	-8.681842	10.131438
O	4.913321	-2.756918	9.978405
O	4.841820	-2.440453	14.256154
Ti	9.793094	-5.510046	13.741761
O	10.325530	-4.763729	12.023577
O	12.101004	-4.434083	9.822792
Ti	10.306366	-5.190980	10.157194
O	10.071322	-7.095934	10.208139
O	9.804819	-7.521823	14.206309
O	8.314696	-4.550814	14.567662
Ti	6.620994	-3.664388	14.095996
O	6.585191	-3.724279	12.260952
O	8.230223	-5.204933	10.101953
Ti	6.742334	-4.016273	10.376384
Ti	-2.389381	1.674948	16.790669
O	-2.395568	1.125584	18.599296

O	-3.670399	0.447497	21.076186
Ti	-2.152529	1.390369	20.441466
O	-1.718745	3.239354	20.573000
O	-2.263402	3.550792	16.720686
O	-0.784558	0.743633	16.256310
Ti	0.911057	-0.138087	16.837420
O	0.953314	-0.059468	18.735253
O	-0.594389	0.688060	21.196348
Ti	0.990070	-0.140647	20.585580
O	2.682949	-1.367388	21.027724
O	2.630203	-1.383901	16.717280
Ti	-0.473396	4.221225	16.909866
O	-0.523643	5.289311	18.474592
Ti	-0.171145	3.820914	19.678487
O	0.056407	2.732934	18.133465
O	1.352635	3.862515	20.748049
O	1.417208	4.300718	16.257214
O	2.303744	1.308920	16.431219
Ti	3.006875	3.195720	16.693532
O	3.071139	3.263979	18.549605
O	2.440045	1.236740	21.005573
Ti	3.057711	3.041848	20.421717
O	4.524498	4.169666	20.994682
O	4.895107	1.740210	20.118701
O	4.851845	1.909695	16.771724
O	4.438119	4.578167	16.180541
O	6.340775	3.953094	18.407669
Ti	6.003481	3.387178	16.631254
Ti	5.973743	3.290449	20.127756
Ti	4.084696	-0.075826	20.504105
O	4.170780	-0.424162	18.696660
Ti	4.107636	-0.049761	16.833157
Ti	-5.746635	-4.187814	16.738745
Ti	-5.268394	-4.177685	19.507565
O	-5.843886	-2.325965	16.362362
Ti	-4.474601	-1.005774	16.536806
O	-4.356957	-0.786878	18.419954
O	-5.411230	-2.557887	20.426879
Ti	-4.065927	-1.210039	20.233337
O	-4.163201	-4.017603	17.967165
O	-4.079505	0.946577	16.060056
O	-2.914845	-2.069102	16.166084
Ti	-1.412845	-3.301775	16.753078
O	-6.743545	-4.492606	18.325158
O	-1.222964	-2.516122	18.474530
O	-2.667043	-2.258535	20.943936
Ti	-1.159814	-3.097811	20.220991
Ti	-3.243971	-6.741327	16.509603
O	-5.131987	-5.970911	16.045851
O	-1.874157	-4.886659	19.710598
O	-1.649433	-7.278759	20.802425
O	-3.614892	-7.206797	18.317718

Ti	-3.019196	-6.376968	19.873197
O	-4.627474	-5.602780	20.545923
O	-2.190908	-5.124709	16.364354
O	1.306400	-7.769871	15.893174
O	1.522703	-7.337413	20.778298
O	0.397103	-4.521128	20.880516
Ti	-0.025516	-6.343409	20.270698
O	0.126204	-6.507638	18.426526
O	0.305697	-4.600867	16.653048
Ti	-0.142216	-6.616893	16.546495
O	-1.674602	-7.786740	16.420281
O	0.072330	-1.942847	16.330042
O	0.243847	-1.957020	21.045870
O	3.391793	-4.119553	21.242799
Ti	1.912188	-3.191915	20.557139
O	1.901411	-3.268680	18.713646
O	3.308381	-4.356701	16.179567
Ti	1.798896	-3.265499	16.779256
O	5.870958	-0.755160	16.381090
Ti	7.458314	-1.825596	16.958946
O	7.206620	-1.273437	18.781701
O	5.612976	-0.555502	21.477475
Ti	7.065741	-1.402563	20.638253
O	8.662846	-2.617507	21.242203
O	9.194512	-2.979301	16.743889
O	7.622357	2.788274	20.884354
O	7.785681	2.625829	16.196266
O	8.866952	-0.346444	16.452544
Ti	9.389855	1.602389	16.636254
O	9.195176	1.774268	18.483005
O	8.570290	-0.027926	21.008276
Ti	9.118184	1.741073	20.381937
O	10.692362	2.854007	20.778692
O	10.970104	0.316571	20.134391
O	11.260519	0.363753	16.635465
O	10.791491	2.997627	16.024437
O	12.561484	2.543273	18.166612
Ti	12.389248	1.891180	16.420660
O	14.038562	0.918042	15.805053
Ti	12.000369	1.882958	19.860055
O	13.667780	1.140228	20.328688
Ti	14.030475	-0.482198	19.452080
Ti	14.248063	-0.872249	16.621883
O	14.251725	-1.812395	20.710902
Ti	13.065448	-3.353332	20.699673
O	13.907325	-3.820755	19.033997
O	15.059958	-2.595877	16.459051
Ti	13.877900	-3.845350	17.191639
O	12.777033	-1.028145	18.001721
O	12.534145	-5.092118	21.078187
O	11.615224	-2.350029	21.342389
Ti	10.135958	-1.488211	20.543972

O	15.320542	-0.279788	18.108709
O	10.319210	-1.972553	18.792996
O	12.206341	-3.021650	16.494297
Ti	10.722946	-1.639458	16.951198
Ti	5.113716	-4.997837	16.728507
O	4.910120	-4.115839	18.403274
Ti	4.904928	-4.544185	20.213562
Ti	3.213834	-8.435636	16.354344
O	4.198649	-6.352184	19.602566
O	4.539901	-8.704709	20.719707
O	2.702655	-8.644727	18.189370
Ti	3.068702	-7.866667	19.845754
O	4.276699	-6.825346	16.240989
Ti	9.152749	-8.098483	19.216922
O	9.612809	-9.225381	17.811153
Ti	9.714903	-7.919032	16.355318
O	8.897181	-6.659455	17.983661
O	8.035876	-8.743555	15.588239
O	7.766033	-8.337480	20.452390
O	6.526700	-5.823366	20.753687
Ti	6.014994	-7.652296	20.065442
O	6.164626	-8.037697	18.240190
O	6.791856	-6.182724	16.537272
Ti	6.227549	-8.202615	16.332408
O	4.795276	-9.493911	16.232476
O	6.521737	-3.555159	16.369341
O	6.209784	-3.212883	20.892678
Ti	11.149584	-5.871775	19.992499
O	11.626667	-5.402074	18.226715
O	13.831763	-5.454433	16.291290
Ti	11.948613	-5.907705	16.359261
O	11.662485	-7.746793	16.322381
O	10.785599	-7.698495	20.102479
O	9.617263	-5.183544	20.840663
Ti	7.948744	-4.392841	20.473683
O	7.939115	-4.233977	18.666549
O	9.922547	-5.757217	15.983017
Ti	8.319765	-4.867786	16.826426

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Ti	-6.953624	3.461274	-1.969161
O	-7.596112	2.983164	-0.234324
O	-9.646344	3.215586	1.599105
Ti	-7.774081	3.652304	1.664064
O	-7.452976	5.479667	1.583189
O	-6.611104	5.281140	-2.144009
O	-5.325972	2.727874	-2.557955
Ti	-3.627454	1.936412	-2.361637
O	-3.503796	1.521807	-0.555819
O	-5.710714	3.480739	1.918406
Ti	-4.060849	2.588066	1.164493
O	-2.241603	1.336575	1.606681

O	-1.858506	0.825703	-2.883949
Ti	-4.928487	5.668475	-1.341334
O	-5.380885	6.833652	0.034508
Ti	-5.498719	5.600875	1.544351
O	-4.658480	4.242642	-0.092892
O	-3.837571	6.464494	2.290608
O	-3.568300	5.876652	-2.612015
O	-2.290599	3.407389	-2.634547
Ti	-1.809051	5.302373	-2.096816
O	-2.027748	5.877074	-0.329348
O	-2.525161	3.912840	1.293310
Ti	-1.993114	5.941539	1.576464
O	-0.573996	7.243893	1.704819
O	-0.051178	4.598638	1.681583
O	-0.033699	4.034424	-1.501871
O	-0.332572	6.310268	-2.797439
O	1.506516	6.378380	-0.250578
Ti	1.127065	5.517809	-1.861637
Ti	1.021551	6.199331	1.598001
Ti	-0.812268	2.739593	1.209530
O	-0.527805	1.705646	-0.385335
Ti	-0.595720	2.169436	-2.177673
Ti	-9.731778	-1.800174	-1.730121
Ti	-9.957424	-1.287381	1.075174
O	-9.995252	-0.499325	-3.031097
Ti	-8.836946	1.035786	-2.943458
O	-9.745873	1.613378	-1.372786
O	-10.750911	0.434185	1.143245
Ti	-9.537432	1.716725	0.480341
O	-8.483163	-1.184329	-0.316974
O	-8.184125	2.765660	-3.249015
O	-7.320037	0.049728	-3.470984
Ti	-5.822133	-0.812668	-2.708329
O	-11.021988	-1.972358	-0.396956
O	-5.925808	-0.338196	-0.943645
O	-7.963486	0.767686	1.293644
Ti	-6.464707	-0.595681	0.878555
Ti	-7.697098	-4.173270	-2.085867
O	-9.349920	-3.430128	-2.593998
O	-6.985880	-2.588744	1.137438
O	-6.497739	-5.204670	1.743896
O	-8.278419	-4.822880	-0.403872
Ti	-8.110106	-4.127591	1.327148
O	-9.731154	-3.098982	1.900982
O	-6.659186	-2.610610	-2.314592
O	-3.259186	-5.068460	-2.995985
O	-3.474750	-4.833522	1.640685
O	-4.588598	-1.843084	1.389596
Ti	-5.076351	-3.793927	1.188827
O	-4.873851	-4.025268	-0.657427
O	-4.281937	-2.289043	-3.242203
Ti	-4.796640	-4.039909	-2.547491

O	-6.359322	-5.152125	-2.963848
O	-4.302208	0.292663	-3.370321
O	-5.011687	0.765103	1.227487
O	-1.609394	-1.409214	1.465120
Ti	-3.210957	-0.341574	0.817335
O	-2.901812	-1.186065	-0.934703
O	-1.281440	-1.822749	-3.623847
Ti	-2.744280	-1.001900	-2.761735
O	0.907988	1.865705	-3.255337
Ti	2.394257	0.903566	-2.615086
O	2.407129	0.957243	-0.778097
O	1.018284	2.196425	1.790481
Ti	2.455995	1.029818	1.169565
O	4.190893	-0.292415	1.595432
O	4.071567	-0.328910	-3.108420
O	2.926391	5.553622	2.077489
O	2.653386	4.983749	-2.809993
O	3.893189	2.238432	-2.942635
Ti	4.247160	4.060860	-2.283053
O	4.052259	4.259846	-0.451142
O	3.955900	2.345372	1.271706
Ti	4.358559	4.376301	1.429814
O	5.870494	5.566915	1.548523
O	6.412220	2.904052	1.601672
O	6.083716	2.634776	-1.661250
O	5.860291	5.011551	-2.805447
O	7.828659	4.996198	-0.327552
Ti	7.229303	4.126011	-1.855377
O	8.827500	3.340175	-2.522504
Ti	7.442216	4.521524	1.478684
O	9.322961	3.736378	1.934495
Ti	9.935892	1.893385	1.305867
Ti	9.460882	1.915291	-1.468161
O	10.046848	0.019395	1.573646
Ti	8.672458	-1.304378	1.385970
O	8.638401	-1.535410	-0.512291
O	9.667144	0.320885	-2.423573
Ti	8.352881	-1.061567	-2.299136
O	8.334899	1.743002	0.055844
O	8.197909	-3.329744	1.695934
O	7.156282	-0.168300	1.757805
Ti	5.686114	1.070556	1.156245
O	10.926222	2.231321	-0.284308
O	5.492528	0.197887	-0.536799
O	6.961305	0.017548	-2.995251
Ti	5.450532	0.830113	-2.260695
Ti	0.243838	-2.210875	-2.609843
O	0.149747	-1.806486	-0.818059
Ti	0.122051	-2.175397	1.050399
Ti	-1.632051	-5.565034	-2.205953
O	-0.542486	-4.159718	1.110684
O	-0.132817	-6.826995	1.734866

O	-2.018035	-6.251652	-0.504831
Ti	-1.703090	-5.630881	1.264235
O	-0.525984	-4.030627	-2.119099
Ti	4.904580	-6.622356	1.183703
O	4.886351	-7.579311	-0.447509
Ti	4.614073	-6.059213	-1.621792
O	4.597946	-4.966456	-0.021023
O	3.074721	-6.037910	-2.640377
O	2.981638	-6.462838	1.687162
O	1.979354	-3.554511	1.473941
Ti	1.308868	-5.455003	1.254159
O	1.309048	-5.588888	-0.592958
O	1.881225	-3.520595	-3.110238
Ti	1.285196	-5.306052	-2.458998
O	-0.156990	-6.426514	-3.074442
O	1.642994	-0.915297	-3.127933
O	1.625499	-0.860960	1.197026
Ti	6.460342	-4.002829	0.962044
O	6.660777	-3.317594	-0.798931
O	7.992250	-2.683771	-3.248496
Ti	6.485448	-3.640406	-2.628035
O	6.106995	-5.519731	-2.625962
O	6.670188	-5.895058	1.346881
O	5.038413	-2.960973	1.709685
Ti	3.337817	-2.077746	1.075969
O	3.356238	-2.278073	-0.822416
O	4.895088	-2.989128	-3.347121
Ti	3.334989	-2.145903	-2.672786
Ti	-5.581518	3.226813	4.239223
O	-6.158806	2.405349	5.978033
O	-7.761177	2.392799	8.127804
Ti	-5.940117	3.061816	7.923712
O	-5.756562	4.957423	7.746261
O	-5.620785	5.240661	3.690057
O	-4.072077	2.339806	3.394024
Ti	-2.363057	1.404171	3.825263
O	-2.259899	1.507043	5.649523
O	-3.890031	3.063590	7.645855
Ti	-2.447417	1.799462	7.544229
O	-0.611780	0.513876	7.912918
O	-0.575735	0.194264	3.639293
Ti	-3.815292	5.803464	4.321537
O	-3.834988	6.682513	5.950715
Ti	-3.935857	5.131918	7.185213
O	-4.000748	4.124956	5.363676
O	-2.414451	5.628340	8.353608
O	-1.991679	5.485938	3.678130
O	-0.944856	2.871597	3.498444
Ti	-0.220559	4.690156	4.132150
O	-0.612184	5.044508	5.912827
O	-1.015470	3.195142	7.731389
Ti	-0.406533	5.196634	7.791335

O	1.072625	6.446337	7.783602
O	1.517808	3.848862	7.953251
O	1.547147	3.526741	4.268270
O	1.143165	6.129477	3.711081
O	3.171079	5.563553	5.889131
Ti	2.786378	4.968069	4.155979
Ti	2.681294	5.393200	7.750662
Ti	0.697534	2.019187	7.536576
O	0.907906	1.569352	5.772252
Ti	0.804317	1.556431	3.867165
Ti	-9.036364	-2.711093	3.960428
Ti	-8.691181	-2.266319	6.711497
O	-9.232023	-0.924401	3.064791
Ti	-7.886365	0.587995	3.407825
O	-8.464795	0.967686	5.135252
O	-8.852918	-0.559696	7.305809
Ti	-7.705251	1.008064	6.859809
O	-7.565882	-2.304146	5.137437
O	-7.376708	2.551099	3.406743
O	-6.357887	-0.540978	3.133925
Ti	-4.721129	-1.648424	3.672472
O	-10.117226	-2.796364	5.484622
O	-4.814938	-1.263757	5.480224
O	-6.228248	-0.079049	7.625034
Ti	-4.719734	-1.397765	7.357039
Ti	-6.464417	-5.145885	3.894814
O	-8.357374	-4.518691	3.405879
O	-5.496990	-3.288802	7.405638
O	-5.068560	-5.915467	8.016322
O	-7.037105	-5.399420	5.738290
Ti	-6.622560	-4.835231	7.448015
O	-8.259431	-3.612470	8.007273
O	-5.410090	-3.551346	3.504061
O	-1.890053	-6.111887	3.375604
O	-1.920411	-5.655393	7.934709
O	-2.981633	-2.680744	7.828683
Ti	-3.572709	-4.627809	7.546087
O	-3.379947	-4.698373	5.712459
O	-2.944307	-3.026552	3.614193
Ti	-3.434257	-4.983816	3.838521
O	-4.949283	-6.229765	3.893029
O	-3.248869	-0.361222	3.281658
O	-3.259975	-0.057511	7.492334
O	0.068584	-2.273997	7.914222
Ti	-1.534140	-1.264297	7.363872
O	-1.435044	-1.605172	5.557559
O	0.161126	-2.581113	3.184452
Ti	-1.520641	-1.654213	3.643880
O	2.459889	0.688435	3.353094
Ti	4.122813	-0.214943	3.872315
O	4.033440	0.108353	5.688245
O	2.477561	1.335586	8.105448

Ti	4.043002	0.286990	7.583418
O	5.796393	-1.041101	7.956105
O	5.860886	-1.452713	3.891614
O	4.584653	4.731737	8.230085
O	4.394886	3.956438	3.557712
O	5.581383	1.178695	3.453665
Ti	6.098139	3.067127	4.002236
O	5.904165	3.229701	5.791033
O	5.515422	1.606235	7.690694
Ti	6.140002	3.593077	7.689717
O	7.765428	4.578408	7.497065
O	8.049839	2.061087	8.037361
O	8.000568	1.836347	4.028211
O	7.518011	4.514663	3.600765
O	9.745967	3.979261	5.604209
Ti	9.122171	3.392541	3.979126
O	10.692702	2.122952	3.364145
Ti	9.356554	3.466260	7.496438
O	11.262162	3.148233	8.328906
Ti	11.820126	1.306135	7.694263
Ti	11.119866	1.096462	4.936870
O	11.643322	-0.530780	8.014009
Ti	10.411546	-2.009158	7.940013
O	10.932970	-2.697600	6.242974
O	11.021650	-0.650761	4.507057
Ti	10.197461	-2.457624	4.548489
O	10.103474	1.570232	6.550649
O	9.591550	-3.956538	8.050482
O	8.837792	-0.891269	8.081479
Ti	7.248026	0.295093	7.584196
O	12.695042	1.415332	6.019407
O	7.557105	-0.129522	5.799015
O	8.783350	-1.450837	3.506717
Ti	7.328441	-0.139588	3.937224
Ti	1.837301	-3.391513	3.803363
O	1.700275	-3.136171	5.605138
Ti	1.793316	-3.068499	7.504080
Ti	-0.035937	-6.861853	3.878642
O	1.092177	-5.070146	7.308055
O	1.444648	-7.636218	7.968136
O	-0.501061	-7.072929	5.718207
Ti	-0.177346	-6.473611	7.488035
O	1.097566	-5.284890	3.582350
Ti	6.632233	-7.125852	7.449456
O	6.693340	-8.032439	5.798100
Ti	6.518398	-6.591068	4.472764
O	6.429662	-5.484989	6.142705
O	5.031103	-7.117613	3.261728
O	4.706870	-7.038373	7.929958
O	3.585363	-4.370192	7.883777
Ti	2.877912	-6.264910	7.483449
O	3.278898	-6.652005	5.692391

O	3.575227	-4.673410	3.744568
Ti	3.026095	-6.634602	3.831770
O	1.562535	-7.903060	3.814650
O	3.241319	-2.018755	3.413899
O	3.149765	-1.635888	7.618760
Ti	8.003766	-4.398204	6.957095
O	8.489619	-3.627768	5.239140
O	10.365811	-3.927149	3.346471
Ti	8.538185	-4.532716	3.372969
O	8.329330	-6.363374	3.853062
O	8.371266	-6.235065	7.791349
O	6.704045	-3.609698	8.112885
Ti	4.881377	-2.823986	7.570034
O	4.993680	-3.080636	5.752714
O	6.475373	-4.530236	3.479877
Ti	5.009079	-3.292553	3.863337
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O	-4.248211	1.657517	12.463256
O	-5.857583	1.746013	14.495253
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O	-2.535926	1.466351	9.681878
Ti	-0.766451	0.631974	10.161390
O	-0.662770	0.589743	11.982430
O	-2.141620	2.317086	13.886160
Ti	-0.797957	0.957765	13.853298
O	1.046180	-0.303659	14.266547
O	1.005600	-0.593899	10.006429
Ti	-2.346519	5.013936	10.406070
O	-2.318771	5.929576	12.043173
Ti	-2.196729	4.412916	13.281948
O	-2.099245	3.348626	11.539286
O	-0.803578	4.830733	14.637487
O	-0.407928	4.935275	9.866882
O	0.583750	2.147523	9.869679
Ti	1.312232	4.014399	10.360436
O	0.966001	4.326236	12.170213
O	0.635697	2.364717	14.014662
Ti	1.203202	4.356362	14.055086
O	2.662642	5.609998	14.083276
O	3.139565	3.038732	14.250219
O	3.101020	2.801230	10.460754
O	2.761595	5.383361	9.869037
O	4.704744	4.784012	12.114562
Ti	4.375872	4.199679	10.339200
Ti	4.305654	4.584701	13.976027
Ti	2.358682	1.184723	13.871124
O	2.535100	0.858016	12.085424
Ti	2.349456	0.815745	10.191267
Ti	-7.555764	-3.468182	10.074213
Ti	-6.813083	-3.196554	12.803321

O	-7.307300	-1.666634	9.666221
Ti	-6.156385	-0.097554	9.761428
O	-6.612659	0.552855	11.462066
O	-6.639663	-1.451241	13.168528
Ti	-5.762766	0.414065	13.155863
O	-5.835660	-3.784337	11.193867
O	-5.400409	1.843276	9.508466
O	-4.587922	-1.209014	9.595036
Ti	-3.092613	-2.482383	10.121152
O	-8.421337	-3.483969	11.736043
O	-3.299064	-2.175455	11.928535
O	-4.478596	-0.829495	14.108962
Ti	-3.069540	-2.243035	13.799141
Ti	-5.160804	-5.703158	10.258391
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O	-3.868734	-4.152537	13.723658
O	-3.439247	-6.762270	14.354350
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Ti	-5.010074	-5.721476	13.768654
O	-6.585751	-4.392328	14.313983
O	-3.830643	-4.295766	9.720138
O	-0.364439	-6.948152	9.605982
O	-0.293925	-6.418233	14.248856
O	-1.326872	-3.514227	14.201039
Ti	-1.981074	-5.436285	13.830705
O	-1.756283	-5.589561	12.022928
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Ti	-1.954295	-5.808575	10.122922
O	-3.579148	-6.821066	10.237181
O	-1.619131	-1.180615	9.714764
O	-1.608769	-0.908963	13.877837
O	1.769682	-3.010613	14.359367
Ti	0.125848	-2.099112	13.780682
O	0.247849	-2.451403	11.981534
O	1.718110	-3.514206	9.593643
Ti	0.106643	-2.491288	10.087719
O	4.046150	-0.031367	9.726038
Ti	5.689260	-0.943875	10.304838
O	5.567893	-0.590398	12.103974
O	4.097713	0.471914	14.491541
Ti	5.709139	-0.551114	13.997656
O	7.435138	-1.862089	14.370600
O	7.424565	-2.133420	10.207694
O	6.181008	3.906455	14.480012
O	6.109043	3.374915	9.836407
O	7.141789	0.471450	9.884499
Ti	7.796441	2.392990	10.255064
O	7.569947	2.547116	12.062678
O	7.156297	0.801195	14.040318
Ti	7.769954	2.766099	13.962335
O	9.394737	3.778464	13.847188
O	9.646743	1.253573	14.365322

O	9.683880	1.110199	10.363790
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Ti	10.825482	2.679219	10.316862
O	12.400548	1.349319	9.773006
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O	12.866221	2.289247	14.647921
Ti	13.372087	0.427639	14.010430
Ti	12.628897	0.154986	11.281475
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Ti	11.973648	-2.942969	14.324339
O	12.429347	-3.593709	12.623726
O	12.457344	-1.590568	10.915966
Ti	11.580063	-3.455465	10.929559
O	11.651622	0.742115	12.891242
O	11.217953	-4.884042	14.577115
O	10.404393	-1.832785	14.491024
Ti	8.908342	-0.559964	13.964802
O	14.237286	0.443759	12.348278
O	9.115157	-0.867169	12.157532
O	10.295280	-2.212336	9.976876
Ti	8.885355	-0.799673	10.286892
Ti	3.456989	-4.227046	10.214156
O	3.280289	-3.900041	11.999808
Ti	3.466298	-3.857857	13.894012
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O	2.714546	-5.843085	13.624766
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Ti	8.162960	-8.054493	13.678937
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Ti	8.013964	-7.454229	10.803239
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O	6.620453	-7.871774	9.448178
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O	5.232011	-5.189956	14.215415
Ti	4.503419	-7.056742	13.724706
O	4.848857	-7.368208	11.914846
O	5.179818	-5.406738	10.070440
Ti	4.613101	-7.398506	10.029944
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Ti	9.687598	-5.458779	13.343102
O	10.065765	-4.699756	11.622481
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Ti	9.845587	-5.491835	9.456991
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Ti	6.582633	-3.674683	13.923490
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Ti	6.614212	-4.000008	10.231810
Ti	-2.186706	1.357072	17.128353
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O	-4.547661	0.884925	20.739066
Ti	-2.719749	1.491996	20.712857
O	-2.512456	3.321041	20.232483
O	-2.554559	3.193719	16.294347
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Ti	0.934778	-0.218307	16.514832
O	0.821658	0.036515	18.332374
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Ti	0.806394	0.248439	20.221643
O	2.574123	-1.024910	20.671425
O	2.666582	-1.406478	16.466569
Ti	-0.815528	4.085289	16.635955
O	-0.876449	4.991843	18.288166
Ti	-0.701625	3.550028	19.612399
O	-0.612800	2.444286	17.942112
O	0.785238	4.076333	20.823035
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O	2.230601	1.327880	16.201805
Ti	2.938130	3.222795	16.601984
O	2.536723	3.608580	18.393144
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O	4.718412	2.241900	20.503402
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O	4.371337	4.594193	16.117653
O	6.316762	4.030571	18.367513
Ti	5.993693	3.431411	16.597803
Ti	5.850978	3.819108	20.207360
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O	-5.116713	-0.344844	17.842880
O	-5.201372	-2.391765	19.577821
Ti	-4.378723	-0.583983	19.536565
O	-4.286194	-4.613155	17.533222
O	-3.775013	0.915354	16.035644
O	-3.019935	-2.148750	16.005263
Ti	-1.432041	-3.337554	16.501838
O	-6.877334	-4.455383	18.066018
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Ti	-1.512028	-2.904438	20.149207
Ti	-3.539834	-6.509542	16.588265
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Ti	-0.281423	-6.111387	20.083857
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Ti	1.691967	-2.828948	20.213459
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Ti	7.350155	-1.777928	16.721588
O	7.250159	-1.437977	18.527922
O	5.654559	-0.461273	20.900944
Ti	7.336251	-1.388521	20.441703
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O	9.076155	-2.984610	16.593516
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O	7.736673	2.614040	16.151045
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Ti	9.388800	1.585906	16.539535
O	9.195504	1.655785	18.372993
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O	11.313060	0.247161	16.679682
O	10.884722	2.873735	16.068688
O	12.852569	2.357363	18.346837
Ti	12.438334	1.793537	16.637054
O	14.075487	0.571558	16.076536
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O	14.172521	1.477476	20.679234
Ti	14.852302	-0.329302	20.124600
Ti	14.508207	-0.774300	17.373384
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Ti	10.536363	-1.393507	20.413352
O	15.933670	-0.242981	18.600507
O	10.630746	-1.778488	18.605557
O	12.045703	-2.961178	16.460878
Ti	10.535655	-1.644038	16.728902
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Ti	3.134673	-8.435027	16.334616
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Ti	-0.668651	0.598420	26.714274
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O	0.776918	-0.082377	22.375696
Ti	2.477251	-0.966105	23.009328

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Ti	2.480810	-0.895884	26.758117
O	4.173149	-2.127602	27.213134
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Ti	0.910852	3.580816	22.901528
O	0.929977	4.537484	24.533115
Ti	1.200749	3.017550	25.707015
O	1.218103	1.924310	24.107483
O	2.741972	2.996120	26.727169
O	2.833914	3.419278	22.398354
O	3.835698	0.511062	22.611213
Ti	4.506805	2.411535	22.830307
O	4.505200	2.545559	24.680125
O	3.934513	0.477975	27.196229
Ti	4.530491	2.263243	26.543432
O	5.972178	3.384702	27.160205
O	6.342376	0.988499	26.205713
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O	5.948129	3.784310	22.350904
O	7.832980	3.209153	24.591544
Ti	7.518827	2.588388	22.821521
Ti	7.447583	2.522139	26.289193
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O	-2.821405	-1.505874	24.598153
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Ti	-2.535478	-1.980540	26.384416
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Ti	-1.411921	-7.169086	25.940509
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Ti	10.891909	0.752115	22.896615
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Ti	10.611756	0.997926	26.632589
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O	14.093235	1.781595	24.489490
Ti	13.925123	1.086782	22.758370
O	15.546148	0.056367	22.182480
Ti	13.511815	1.132170	26.171307
O	15.165253	0.389942	26.680347
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O	15.812180	-2.540998	27.116466
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Ti	15.354534	-4.757458	23.605300
O	14.298601	-1.856289	24.403324
O	14.001008	-5.806051	27.334034
O	13.136400	-3.090839	27.556110
Ti	11.638046	-2.229135	26.794040
O	16.837127	-1.067504	24.481868
O	11.741257	-2.703258	25.029109
O	13.781410	-3.806383	22.791988
Ti	12.280342	-2.445523	23.207025
Ti	6.628244	-5.781991	22.876422
O	6.343898	-4.745826	24.470444

Ti	6.412305	-5.211760	26.261291
Ti	4.795908	-9.242383	22.486755
O	5.851686	-7.076668	25.583578
O	6.150336	-9.351005	26.882471
O	4.311012	-9.421746	24.335362
Ti	4.691002	-8.559426	25.945383
O	5.868132	-7.641469	22.403288
Ti	10.747384	-8.709815	25.426314
O	11.199825	-9.874828	24.050548
Ti	11.316424	-8.642465	22.540477
O	10.475849	-7.284509	24.177322
O	9.655637	-9.505487	21.794097
O	9.386519	-8.918311	26.696438
O	8.107191	-6.449613	26.719001
Ti	7.627055	-8.344527	26.180972
O	7.845287	-8.920380	24.413839
O	8.342507	-6.955138	22.792133
Ti	7.810548	-8.983871	22.508181
O	6.391953	-10.286468	22.379592
O	8.057890	-4.379252	22.478478
O	7.674717	-3.868389	26.969244
Ti	12.771509	-6.501612	26.054471
O	13.413373	-6.022397	24.319095
O	15.463512	-6.256069	22.485522
Ti	13.591622	-6.693347	22.420764
O	13.270754	-8.520632	22.501293
O	12.429802	-8.321709	26.228755
O	11.142860	-5.769439	26.642323
Ti	9.443895	-4.978502	26.446652
O	9.320323	-4.563932	24.640864
O	11.528066	-6.521743	22.166683
Ti	9.877482	-5.630367	22.920389

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Ti	-7.020669	3.453832	-2.232879
O	-7.656533	2.996077	-0.497057
O	-9.714749	3.207227	1.330222
Ti	-7.847939	3.660390	1.418114
O	-7.579481	5.496535	1.348520
O	-6.745192	5.286445	-2.424482
O	-5.375878	2.752394	-2.846116
Ti	-3.724933	1.901724	-2.614029
O	-3.581558	1.554719	-0.802075
O	-5.777085	3.552188	1.660709
Ti	-4.121723	2.668101	0.908312
O	-2.283421	1.467317	1.337356
O	-1.935987	0.815806	-3.141582
Ti	-5.098191	5.721596	-1.587238
O	-5.568227	6.878393	-0.216864
Ti	-5.626925	5.658684	1.309739
O	-4.768018	4.293249	-0.376851
O	-3.963744	6.523660	2.028111

O	-3.724933	5.895387	-2.870311
O	-2.329081	3.378548	-2.757702
Ti	-2.038566	5.276941	-2.248228
O	-2.245192	6.085760	-0.564369
O	-2.605492	4.004988	0.982989
Ti	-2.087556	6.030828	1.330449
O	-0.666948	7.365197	1.434523
O	-0.173124	4.733635	1.504847
O	-0.309131	3.915105	-1.171858
O	-0.438453	5.985798	-2.969375
O	1.404513	6.369200	-0.454082
Ti	0.938493	5.268456	-1.868241
Ti	0.915428	6.327516	1.414791
Ti	-0.851958	2.868031	0.800366
O	-0.564828	1.439560	-0.582144
Ti	-0.699279	2.078300	-2.290913
Ti	-9.754476	-1.831244	-1.956440
Ti	-9.995112	-1.298915	0.838987
O	-10.018923	-0.549975	-3.277312
Ti	-8.869364	0.992363	-3.197736
O	-9.773506	1.576322	-1.632186
O	-10.783089	0.424187	0.893249
Ti	-9.567564	1.702996	0.224002
O	-8.520912	-1.187900	-0.543439
O	-8.220382	2.719428	-3.522776
O	-7.350624	0.002193	-3.714772
Ti	-5.875928	-0.853359	-2.908852
O	-11.053093	-1.998577	-0.633166
O	-5.983677	-0.314041	-1.166059
O	-7.978960	0.812867	1.060887
Ti	-6.487287	-0.560572	0.672651
Ti	-7.720315	-4.211378	-2.276761
O	-9.370505	-3.474780	-2.801096
O	-7.012219	-2.557169	0.929203
O	-6.500078	-5.157844	1.568230
O	-8.290061	-4.842025	-0.590324
Ti	-8.117470	-4.109590	1.128263
O	-9.756553	-3.090116	1.687218
O	-6.693054	-2.643479	-2.500423
O	-3.271510	-5.124993	-3.158839
O	-3.486147	-4.783848	1.468801
O	-4.622067	-1.782518	1.189544
Ti	-5.084575	-3.735396	1.014689
O	-4.872194	-4.015777	-0.833319
O	-4.312806	-2.330167	-3.421529
Ti	-4.805698	-4.080999	-2.712979
O	-6.364149	-5.188106	-3.133531
O	-4.363560	0.249928	-3.600554
O	-5.055650	0.826015	0.995172
O	-1.675941	-1.354921	1.280957
Ti	-3.243118	-0.258263	0.621777
O	-2.948621	-1.147596	-1.129568

O	-1.329943	-1.849754	-3.810544
Ti	-2.797528	-1.027774	-2.954478
O	0.825493	1.953292	-3.358110
Ti	2.320376	0.908326	-2.823769
O	2.395083	0.999657	-0.997745
O	0.938952	2.355858	1.520570
Ti	2.364790	1.156348	0.954911
O	4.107592	-0.165703	1.378045
O	3.998896	-0.344655	-3.307479
O	2.836801	5.688307	1.862071
O	2.398208	4.701014	-2.880909
O	3.852302	2.191204	-3.202407
Ti	4.142322	3.999688	-2.475214
O	3.995819	4.356103	-0.656012
O	3.864926	2.465600	1.035285
Ti	4.271907	4.511547	1.225058
O	5.786080	5.712238	1.335293
O	6.314641	3.041544	1.411147
O	5.915354	2.634034	-1.727155
O	5.732039	4.940036	-3.056511
O	7.718717	5.043340	-0.545588
Ti	7.084550	4.112338	-2.019894
O	8.644012	3.308337	-2.723163
Ti	7.343215	4.650532	1.291819
O	9.227295	3.846773	1.752146
Ti	9.811285	2.001386	1.140772
Ti	9.313438	1.920617	-1.634069
O	10.027497	0.123234	1.384996
Ti	8.623926	-1.146984	1.192885
O	8.655675	-1.533095	-0.687679
O	9.548588	0.326294	-2.577528
Ti	8.261167	-1.087395	-2.463831
O	8.189655	1.773459	-0.097963
O	7.979775	-3.139389	1.471946
O	7.110295	0.006580	1.525430
Ti	5.603218	1.205990	0.914338
O	10.765482	2.336807	-0.477926
O	5.425701	0.171682	-0.717696
O	6.883575	0.021438	-3.170094
Ti	5.370703	0.810220	-2.429501
Ti	0.195422	-2.245770	-2.806799
O	0.119643	-1.869994	-1.015231
Ti	0.052398	-2.107929	0.876763
Ti	-1.645971	-5.615261	-2.364265
O	-0.573939	-4.114585	0.932699
O	-0.135730	-6.767978	1.584491
O	-2.026234	-6.261359	-0.654118
Ti	-1.721546	-5.593399	1.107835
O	-0.551990	-4.071337	-2.320228
Ti	5.003349	-6.377109	1.163429
O	5.078285	-7.382778	-0.444379
Ti	4.686412	-5.982235	-1.725655

O	4.704182	-4.782176	-0.199899
O	3.127696	-6.009599	-2.689950
O	3.049850	-6.242066	1.514074
O	1.929703	-3.452980	1.280126
Ti	1.284778	-5.368528	1.109143
O	1.305141	-5.592222	-0.737629
O	1.845231	-3.543982	-3.295303
Ti	1.276678	-5.325982	-2.593811
O	-0.136665	-6.475905	-3.204483
O	1.567035	-0.908795	-3.311710
O	1.533073	-0.752001	0.972067
Ti	6.315602	-3.595076	0.552785
O	6.499598	-2.885055	-1.196935
O	7.954727	-2.653007	-3.558374
Ti	6.395635	-3.522267	-2.974242
O	6.153676	-5.404057	-2.758396
O	6.735113	-5.435612	1.367831
O	4.973234	-2.779505	1.578905
Ti	3.226209	-1.936436	0.884600
O	3.325284	-2.266549	-1.012745
O	4.776983	-2.992736	-3.691444
Ti	3.268627	-2.145493	-2.864460
Ti	-5.644845	3.304177	4.010100
O	-6.187568	2.491855	5.755920
O	-7.772770	2.502632	7.898386
Ti	-5.938220	3.161792	7.748796
O	-5.769171	5.056636	7.544938
O	-5.732826	5.315272	3.453932
O	-4.144201	2.431357	3.130510
Ti	-2.419093	1.525905	3.553568
O	-2.326464	1.616420	5.385871
O	-3.917274	3.160046	7.364339
Ti	-2.484730	1.874289	7.288323
O	-0.650310	0.591990	7.699753
O	-0.642781	0.302744	3.407755
Ti	-3.927003	5.909101	4.068372
O	-3.937294	6.786999	5.697262
Ti	-3.968880	5.230939	6.929097
O	-4.056853	4.225668	5.096743
O	-2.469264	5.714166	8.119312
O	-2.089109	5.654058	3.439690
O	-1.027989	2.997662	3.202496
Ti	-0.335033	4.801264	3.884442
O	-0.715871	5.137118	5.675067
O	-1.060317	3.273284	7.502175
Ti	-0.451238	5.268457	7.551202
O	1.016445	6.526007	7.556807
O	1.470028	3.928329	7.714815
O	1.456107	3.660465	4.036140
O	1.047304	6.264639	3.502047
O	3.100222	5.677195	5.673661
Ti	2.689813	5.101317	3.944435

Ti	2.628703	5.472309	7.541715
Ti	0.653480	2.096266	7.307522
O	0.816739	1.702554	5.522521
Ti	0.696364	1.710673	3.614794
Ti	-9.052626	-2.669385	3.734001
Ti	-8.661326	-2.201364	6.476937
O	-9.260285	-0.891920	2.821250
Ti	-7.933543	0.629390	3.189546
O	-8.481481	1.025317	4.913304
O	-8.802696	-0.491697	7.043308
Ti	-7.681007	1.120664	6.632685
O	-7.555857	-2.277315	4.879041
O	-7.429003	2.601387	3.167242
O	-6.393027	-0.483586	2.925700
Ti	-4.756513	-1.570276	3.496114
O	-10.111191	-2.728101	5.267586
O	-4.865466	-1.192893	5.298267
O	-6.233456	0.029626	7.456134
Ti	-4.750116	-1.315110	7.187788
Ti	-6.491756	-5.071327	3.726226
O	-8.389614	-4.494062	3.199939
O	-5.518958	-3.209894	7.209327
O	-5.088360	-5.834609	7.839670
O	-7.066764	-5.324836	5.564330
Ti	-6.637826	-4.758449	7.273114
O	-8.266393	-3.516744	7.815278
O	-5.427165	-3.485141	3.307618
O	-1.914978	-6.049219	3.214823
O	-1.935116	-5.576181	7.774074
O	-3.019458	-2.598044	7.656328
Ti	-3.587513	-4.548519	7.379691
O	-3.370467	-4.629004	5.543555
O	-2.981064	-2.936740	3.446471
Ti	-3.459595	-4.898234	3.673869
O	-4.969123	-6.148029	3.745211
O	-3.304829	-0.267028	3.054184
O	-3.288438	0.019474	7.266785
O	0.013727	-2.233305	7.744332
Ti	-1.563213	-1.192603	7.192955
O	-1.463433	-1.502028	5.374590
O	0.094118	-2.501544	2.997776
Ti	-1.572414	-1.543558	3.474671
O	2.344399	0.811209	3.106856
Ti	4.006037	-0.080162	3.664155
O	3.914628	0.246902	5.478578
O	2.406946	1.391756	7.898275
Ti	3.976633	0.342269	7.381497
O	5.730364	-0.971936	7.771642
O	5.746953	-1.319919	3.666756
O	4.522196	4.824928	8.042898
O	4.296480	4.079992	3.335472
O	5.462972	1.309406	3.217772

Ti	5.993539	3.188882	3.808830
O	5.802462	3.364784	5.595425
O	5.433419	1.682389	7.476675
Ti	6.065240	3.665913	7.508132
O	7.687247	4.673908	7.326644
O	7.920949	2.158028	7.877782
O	7.870796	1.960776	3.841428
O	7.429387	4.638610	3.405618
O	9.647288	4.059890	5.438069
Ti	9.020941	3.503796	3.809514
O	10.514165	2.149570	3.206931
Ti	9.256907	3.541898	7.336400
O	11.161152	3.192917	8.145109
Ti	11.674520	1.329234	7.508638
Ti	10.882148	1.063307	4.775379
O	11.538983	-0.515101	7.806957
Ti	10.294677	-1.977115	7.683675
O	10.732163	-2.719441	5.993992
O	10.710519	-0.673685	4.390191
Ti	9.882159	-2.546298	4.319895
O	9.927079	1.616549	6.415716
O	9.486013	-3.920366	7.914370
O	8.723164	-0.858726	7.854626
Ti	7.173475	0.376166	7.375975
O	12.495546	1.397868	5.808624
O	7.429447	0.002533	5.573011
O	8.611392	-1.371926	3.276713
Ti	7.201561	-0.009198	3.706288
Ti	1.769786	-3.287081	3.642291
O	1.604132	-3.070669	5.442814
Ti	1.748820	-3.016376	7.342677
Ti	-0.068996	-6.779827	3.733130
O	1.080527	-5.025376	7.153930
O	1.415072	-7.586425	7.830899
O	-0.507381	-7.019842	5.564459
Ti	-0.197102	-6.414266	7.346773
O	1.043649	-5.197898	3.416059
Ti	6.593569	-7.147656	7.426481
O	6.629210	-8.072671	5.783338
Ti	6.404228	-6.630419	4.467866
O	6.319535	-5.528205	6.159295
O	4.999450	-7.087599	3.108850
O	4.634767	-7.092510	7.849062
O	3.546982	-4.330325	7.724135
Ti	2.868709	-6.239457	7.346318
O	3.285212	-6.552591	5.527696
O	3.489544	-4.555197	3.534011
Ti	2.992912	-6.523786	3.674528
O	1.560898	-7.800704	3.633402
O	3.125570	-1.887461	3.215788
O	3.083976	-1.570914	7.476446
Ti	7.930811	-4.403309	6.780784

O	8.280405	-3.703451	5.030189
O	9.986622	-3.985377	3.077633
Ti	8.159181	-4.648516	2.985736
O	8.102410	-6.476264	3.635594
O	8.350847	-6.230301	7.683096
O	6.634665	-3.571535	7.932368
Ti	4.829422	-2.772140	7.420547
O	4.809268	-2.854511	5.590374
O	6.237937	-4.567344	3.701647
Ti	4.925235	-3.162108	3.723256
Ti	-3.884616	2.466757	10.558852
O	-4.259933	1.695571	12.266234
O	-5.876602	1.851434	14.302279
Ti	-4.053720	2.553160	14.475701
O	-3.967545	4.385174	13.851137
O	-4.147517	4.305234	9.915012
O	-2.592379	1.538625	9.431703
Ti	-0.820601	0.730907	9.967937
O	-0.773961	0.668126	11.791733
O	-2.186617	2.408307	13.689894
Ti	-0.887000	1.002185	13.678338
O	0.959008	-0.260779	14.076525
O	0.946744	-0.504112	9.821538
Ti	-2.405171	5.081138	10.165028
O	-2.380042	5.999437	11.797002
Ti	-2.248049	4.487791	13.048989
O	-2.127539	3.415724	11.309818
O	-0.864589	4.922966	14.405720
O	-0.461643	5.016108	9.628927
O	0.523797	2.236346	9.658994
Ti	1.244302	4.098339	10.160944
O	0.910514	4.395126	11.971049
O	0.540790	2.432250	13.845454
Ti	1.153402	4.418218	13.861732
O	2.614049	5.679312	13.887508
O	3.054136	3.094581	14.076701
O	3.034558	2.886940	10.252510
O	2.690489	5.466026	9.665615
O	4.633407	4.832201	11.947948
Ti	4.304900	4.292320	10.162054
Ti	4.237232	4.629707	13.821876
Ti	2.247054	1.252958	13.691212
O	2.420540	0.963648	11.893865
Ti	2.300503	0.906004	9.996881
Ti	-7.585021	-3.370914	9.895782
Ti	-6.851424	-3.115688	12.636335
O	-7.349373	-1.568871	9.488905
Ti	-6.190977	-0.008231	9.591366
O	-6.636603	0.632165	11.292078
O	-6.680815	-1.370504	12.986565
Ti	-5.773535	0.490706	12.989298
O	-5.871401	-3.691407	11.017226

O	-5.433476	1.930201	9.313817
O	-4.621610	-1.125362	9.418746
Ti	-3.131581	-2.395950	9.967689
O	-8.457085	-3.398003	11.554948
O	-3.351984	-2.114342	11.774696
O	-4.538924	-0.767636	13.979790
Ti	-3.155044	-2.196870	13.658127
Ti	-5.200453	-5.610332	10.098305
O	-7.080118	-5.237145	9.257267
O	-3.918877	-4.106903	13.573701
O	-3.505805	-6.724660	14.173099
O	-5.624306	-6.199833	11.946540
Ti	-5.067511	-5.663982	13.615521
O	-6.623506	-4.303674	14.149784
O	-3.866951	-4.209243	9.544573
O	-0.413118	-6.887104	9.453810
O	-0.360572	-6.443774	14.118774
O	-1.413377	-3.484376	14.046631
Ti	-2.017725	-5.420463	13.677638
O	-1.767641	-5.534932	11.864289
O	-1.386902	-3.756624	9.889956
Ti	-1.991974	-5.717250	9.967800
O	-3.621712	-6.727348	10.080397
O	-1.666464	-1.093950	9.529545
O	-1.686465	-0.864289	13.703948
O	1.645265	-3.059213	14.161769
Ti	0.034376	-2.061521	13.618300
O	0.196252	-2.378606	11.811927
O	1.676952	-3.433405	9.436216
Ti	0.064672	-2.396669	9.923345
O	4.005630	0.071055	9.541687
Ti	5.631105	-0.885662	10.101873
O	5.463297	-0.590318	11.905907
O	3.988668	0.522545	14.280749
Ti	5.594094	-0.506062	13.794345
O	7.332908	-1.815898	14.169597
O	7.358038	-2.095006	10.009503
O	6.103920	3.967804	14.340872
O	6.028277	3.455072	9.661660
O	7.076538	0.528215	9.690131
Ti	7.699027	2.452991	10.099375
O	7.487259	2.592549	11.907080
O	7.035392	0.853396	13.839708
Ti	7.686308	2.821219	13.817101
O	9.315716	3.834589	13.691296
O	9.531688	1.314874	14.221643
O	9.595978	1.162789	10.168353
O	9.164939	3.779521	9.574284
O	11.283827	3.255457	11.812866
Ti	10.732850	2.731107	10.141544
O	12.287995	1.388220	9.586998
Ti	10.881194	2.697140	13.686862

O	12.779736	2.328326	14.513215
Ti	13.282585	0.458777	13.875984
Ti	12.534882	0.231195	11.128943
O	13.113292	-1.378955	14.201446
Ti	11.889023	-2.860578	14.070908
O	12.364088	-3.560772	12.373042
O	12.379088	-1.509425	10.742606
Ti	11.503784	-3.380486	10.707833
O	11.557928	0.776558	12.762555
O	11.083676	-4.794893	14.249490
O	10.323255	-1.715852	14.236455
Ti	8.782451	-0.477577	13.756285
O	14.137630	0.530159	12.202405
O	8.990808	-0.798875	11.948935
O	10.248142	-2.126927	9.738211
Ti	8.820469	-0.751276	10.072427
Ti	3.400606	-4.185941	10.047839
O	3.238569	-3.928464	11.842939
Ti	3.366247	-3.867116	13.739838
Ti	1.444232	-7.576795	9.991595
O	2.657691	-5.860662	13.506645
O	2.987391	-8.427855	14.131078
O	1.043104	-7.804233	11.849205
Ti	1.376793	-7.255537	13.641395
O	2.622710	-6.039973	9.702218
Ti	8.166624	-7.989660	13.712075
O	8.197958	-8.911885	12.079205
Ti	7.979262	-7.462103	10.750490
O	7.898570	-6.368360	12.486111
O	6.583010	-7.893878	9.403109
O	6.202747	-7.928081	14.153410
O	5.156445	-5.180453	14.075105
Ti	4.444514	-7.074882	13.641351
O	4.823035	-7.386214	11.830163
O	5.120040	-5.379996	9.904593
Ti	4.548327	-7.362436	9.954724
O	3.078817	-8.610682	9.926126
O	4.713048	-2.695025	9.662099
O	4.699665	-2.424581	13.886799
Ti	9.510265	-5.258151	13.117558
O	9.886273	-4.521885	11.397173
O	11.572554	-4.786910	9.439663
Ti	9.732306	-5.461607	9.309748
O	9.684375	-7.305300	9.943030
O	9.929990	-7.093985	14.004626
O	8.236096	-4.422400	14.303678
Ti	6.441818	-3.624653	13.766301
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Ti	6.561032	-3.961363	10.056656
Ti	-2.239778	1.456304	16.989334
O	-2.614980	0.719353	18.709554

O	-4.301101	0.985306	20.667302
Ti	-2.460874	1.660205	20.796970
O	-2.413382	3.503343	20.162220
O	-2.660229	3.291711	16.101584
O	-0.966381	0.619916	15.803049
Ti	0.827767	-0.178109	16.340635
O	0.805743	-0.171050	18.165668
O	-0.553700	1.603047	20.027569
Ti	0.708917	0.158442	20.050180
O	2.557198	-1.108077	20.444520
O	2.570219	-1.377365	16.219641
Ti	-0.897203	4.188299	16.393348
O	-0.927997	5.110398	18.026418
Ti	-0.708265	3.660335	19.354752
O	-0.627856	2.566719	17.619348
O	0.687327	4.091908	20.703034
O	1.066602	4.126761	15.952069
O	2.113050	1.378235	16.031645
Ti	2.824770	3.273099	16.464758
O	2.445752	3.584363	18.275807
O	2.150715	1.577030	20.201980
Ti	2.721747	3.559273	20.150926
O	4.191524	4.807619	20.179303
O	4.647421	2.236769	20.404399
O	4.611486	2.058565	16.600034
O	4.282278	4.625873	15.975245
O	6.227217	4.001450	18.257030
Ti	5.893186	3.452889	16.465015
Ti	5.825861	3.773600	20.114654
Ti	3.869949	0.382462	20.058843
O	4.031143	0.126218	18.263531
Ti	3.903397	0.065160	16.366696
Ti	-6.012644	-4.261423	16.231324
Ti	-5.264239	-4.033445	18.978192
O	-5.842684	-2.423865	15.906331
Ti	-4.618131	-0.942273	16.037011
O	-5.093125	-0.241061	17.734468
O	-5.107320	-2.292870	19.364200
Ti	-4.232317	-0.421493	19.399520
O	-4.287780	-4.579692	17.344670
O	-3.812807	0.992007	15.857008
O	-3.052738	-2.086997	15.871375
Ti	-1.512187	-3.325734	16.351079
O	-6.867494	-4.332251	17.905453
O	-1.720711	-3.004044	18.158316
O	-2.976794	-1.675068	20.369290
Ti	-1.549877	-3.051615	20.034845
Ti	-3.611388	-6.500282	16.420451
O	-5.509563	-6.131336	15.594506
O	-2.325831	-4.965460	19.938855
O	-1.895096	-7.582384	20.532439
O	-4.013840	-7.058784	18.294554

Ti	-3.462759	-6.533708	19.965655
O	-5.018085	-5.190285	20.519355
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O	1.165898	-7.770507	15.765581
O	1.241598	-7.258280	20.444574
O	0.193947	-4.331281	20.416495
Ti	-0.428971	-6.255854	20.007258
O	-0.217586	-6.395107	18.199601
O	0.235011	-4.656282	16.267030
Ti	-0.416417	-6.624206	16.289500
O	-2.045533	-7.637688	16.415543
O	-0.063001	-1.986941	15.937251
O	-0.087191	-1.708136	20.097661
O	3.265657	-3.873763	20.565152
Ti	1.639776	-2.917828	20.004850
O	1.807274	-3.212154	18.200560
O	3.281428	-4.324405	15.825831
Ti	1.675740	-3.296397	16.312279
O	5.624638	-0.742258	15.944846
Ti	7.234670	-1.740698	16.488666
O	7.072716	-1.424175	18.294956
O	5.593076	-0.370947	20.670039
Ti	7.205696	-1.408274	20.183546
O	8.936961	-2.710714	20.577439
O	8.955721	-2.938127	16.403398
O	7.682680	3.083527	20.653080
O	7.630512	2.641611	15.987797
O	8.683237	-0.318512	16.060538
Ti	9.287328	1.617668	16.429425
O	9.035880	1.731583	18.242621
O	8.657427	-0.048185	20.216744
Ti	9.260789	1.912650	20.138897
O	10.890528	2.923147	20.026228
O	11.136263	0.405266	20.562839
O	11.188264	0.303782	16.534067
O	10.775811	2.921487	15.934249
O	12.894045	2.396308	18.161003
Ti	12.337203	1.860777	16.491919
O	13.892467	0.499856	15.957937
Ti	12.469495	1.806814	20.009000
O	14.349000	1.434265	20.850205
Ti	14.853994	-0.432200	20.212182
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Ti	13.461409	-3.795691	20.518277
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O	13.949211	-2.433106	17.121984
Ti	13.042426	-4.294452	17.119686
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O	11.890910	-2.680593	20.690474
Ti	10.402236	-1.408810	20.139863

O	15.725744	-0.405882	18.553181
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O	11.807963	-3.036564	16.128017
Ti	10.424677	-1.606347	16.449333
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Ti	3.032531	-8.432116	16.284463
O	4.235167	-6.689807	19.855323
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O	4.215269	-6.896821	16.029849
Ti	9.672392	-8.885141	19.938149
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Ti	6.025283	-7.901804	19.945323
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Ti	6.115728	-8.220383	16.243729
O	4.655750	-9.481843	16.218154
O	6.310341	-3.541386	16.030286
O	6.324934	-3.300221	20.285866
Ti	11.159251	-6.274302	19.550800
O	11.532318	-5.502229	17.843491
O	13.146343	-5.654202	15.805433
Ti	11.324066	-6.356316	15.630820
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O	11.417398	-8.114601	20.185548
O	9.863834	-5.344520	20.674673
Ti	8.092629	-4.536522	20.138861
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Ti	8.156192	-4.804527	16.428875
Ti	-0.659487	0.601367	23.325912
O	-1.008598	-0.099532	25.076289
O	-2.714559	0.183322	27.028816
Ti	-0.887073	0.846019	27.121139
O	-0.830729	2.673401	26.470076
O	-1.080368	2.428661	22.423410
O	0.635871	-0.231064	22.174223
Ti	2.440948	-1.031093	22.685993
O	2.459936	-0.948787	24.516276
O	1.034046	0.765956	26.404686
Ti	2.344144	-0.642117	26.383330
O	4.143401	-1.917484	26.890941
O	4.186254	-2.231912	22.630678
Ti	0.677105	3.347335	22.679661

O	0.642151	4.270770	24.323097
Ti	0.866088	2.828458	25.638438
O	0.951446	1.726625	23.946479
O	2.270759	3.284949	26.995580
O	2.635777	3.291008	22.256906
O	3.722996	0.527287	22.382223
Ti	4.401122	2.436755	22.760132
O	3.983262	2.749275	24.578831
O	3.779892	0.751055	26.572460
Ti	4.275662	2.719781	26.432160
O	5.708237	3.997059	26.473134
O	6.225552	1.393912	26.690771
O	6.188925	1.222641	22.953041
O	5.854778	3.783865	22.275753
O	7.776543	3.216745	24.542543
Ti	7.466504	2.611421	22.760319
Ti	7.337826	2.976002	26.374184
Ti	5.498978	-0.516787	26.464292
O	5.665326	-0.733307	24.663735
Ti	5.521664	-0.786466	22.763629
Ti	-4.404003	-5.131116	22.598128
Ti	-3.611140	-4.865534	25.331028
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Ti	-2.610666	-1.255775	25.786587
O	-2.656546	-5.419446	23.691052
O	-2.214348	0.118481	22.192244
O	-1.452141	-2.944091	22.252590
Ti	0.097069	-4.179686	22.730967
O	-5.224957	-5.198962	24.298393
O	-0.159537	-3.806429	24.533978
O	-1.340600	-2.430365	26.830149
Ti	0.067797	-3.794800	26.400843
Ti	-1.986927	-7.344995	22.769837
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O	-0.601937	-5.764525	26.264867
O	-0.160251	-8.442916	26.698768
O	-2.378420	-7.863929	24.667468
Ti	-1.751523	-7.307700	26.295693
O	-3.244026	-5.952868	26.898820
O	-0.650897	-5.961082	22.228799
O	2.748344	-8.627453	22.063591
O	2.973574	-7.884619	26.768869
O	1.805370	-5.113691	26.890763
Ti	1.275972	-6.992808	26.297732
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O	1.837212	-5.485375	22.628987
Ti	1.204952	-7.468888	22.598210
O	-0.417166	-8.476834	22.779624
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Ti	3.262354	-3.725010	26.443458
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O	4.864951	-5.193054	22.209665
Ti	3.293893	-4.145041	22.725577
O	7.257205	-1.568752	22.362711
Ti	8.833117	-2.611008	22.913647
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O	7.174890	-1.302243	27.109287
Ti	8.840307	-2.260885	26.632205
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O	10.559327	-3.822622	22.840855
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O	9.204832	1.773654	22.333020
O	10.289567	-1.205363	22.451469
Ti	10.856564	0.745674	22.727257
O	10.638583	0.824186	24.563375
O	10.249150	-0.867582	26.660629
Ti	10.727073	1.093848	26.432861
O	12.236142	2.344641	26.361362
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O	12.357352	2.031972	22.268012
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Ti	13.907327	0.956216	22.834678
O	15.538163	-0.282370	22.290704
Ti	13.759027	1.268920	26.381532
O	15.657293	0.691832	26.907337
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Ti	15.939466	-1.596780	23.629079
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Ti	15.204866	-4.427757	26.919273
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O	16.087869	-3.306061	23.060455
Ti	14.962592	-4.911577	23.474152
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Ti	12.024361	-2.232456	26.612734
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Ti	12.020487	-2.487108	22.921385
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Ti	4.580266	-8.905901	26.160406

O	5.800420	-7.731504	22.391868
Ti	11.199925	-9.707450	26.033002
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Ti	11.243824	-9.027524	23.172056
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Ti	7.606092	-8.605541	26.220515
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Ti	12.918187	-7.103710	26.098000
O	13.464323	-6.288716	24.354761
O	15.051707	-6.295420	22.210573
Ti	13.218554	-6.955793	22.368378
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O	11.414791	-6.234468	26.976362
Ti	9.689301	-5.329266	26.552565
O	9.597054	-5.421311	24.720443
O	11.193255	-6.957789	22.738816
Ti	9.756068	-5.677442	22.817750
Ti	0.955308	-0.209554	29.556290
O	0.770596	-0.917466	31.305361
O	-0.684592	-1.149371	33.666893
Ti	0.874883	-0.281232	33.081168
O	1.115055	1.600090	32.864535
O	0.535273	1.631344	28.740142
O	2.296025	-1.024365	28.527494
Ti	4.042274	-1.869387	29.222021
O	3.943805	-1.536502	31.119378
O	2.493653	-0.809514	33.798988
Ti	4.001373	-1.656339	32.970759
O	5.702754	-2.893295	33.419172
O	5.735434	-3.053386	29.135691
Ti	2.267052	2.575123	28.943373
O	2.192513	3.578567	30.551582
Ti	2.584610	2.178822	31.832521
O	2.566035	0.977758	30.308125
O	4.142264	2.207366	32.798801
O	4.220176	2.437450	28.592982
O	5.338761	-0.352449	28.826298
Ti	5.984563	1.563144	28.996155
O	5.960531	1.786422	30.845614
O	5.424513	-0.258968	33.402054
Ti	5.992205	1.523065	32.700955
O	7.405025	2.674015	33.311199
O	7.822998	0.268914	32.429874

O	7.843007	0.311061	29.174491
O	7.404114	2.963762	28.522812
O	9.294811	2.458556	30.761427
Ti	8.990137	1.789804	28.999422
Ti	8.914824	1.813338	32.471325
Ti	7.074766	-1.556716	32.914571
O	7.150125	-1.931493	31.122940
Ti	7.215889	-1.697195	29.230107
Ti	-2.538492	-5.804800	28.963912
Ti	-2.038356	-5.722847	31.738718
O	-2.756542	-3.926940	28.721174
Ti	-1.353667	-2.655238	28.913894
O	-1.389758	-2.267674	30.793684
O	-2.275553	-4.129147	32.682213
Ti	-0.989182	-2.713624	32.569416
O	-0.914501	-5.576050	30.202106
O	-0.708399	-0.663190	28.634833
O	0.159265	-3.809303	28.581568
Ti	1.662823	-5.011894	29.195849
O	-3.490941	-6.140048	30.584042
O	1.842382	-3.972164	30.825364
O	0.386609	-3.824306	33.277303
Ti	1.899460	-4.612434	32.535860
Ti	-0.073661	-8.456859	28.812478
O	-1.957197	-7.651126	28.353402
O	1.357271	-6.435746	31.828951
O	1.539587	-8.740141	33.162929
O	-0.447503	-8.847899	30.650399
Ti	0.188420	-7.915107	32.123475
O	-1.370968	-7.108038	32.827429
O	0.953878	-6.847471	28.693727
O	4.434240	-9.493242	28.242293
O	4.875061	-8.499878	32.982177
O	3.418458	-5.993367	33.308521
Ti	3.128992	-7.800928	32.579039
O	3.271012	-8.162009	30.760017
O	3.402093	-6.270564	29.070795
Ti	2.997372	-8.317875	28.878510
O	1.483582	-9.518633	28.766930
O	3.160226	-3.640035	28.729827
O	3.271178	-3.457977	33.414380
O	6.448442	-5.752264	33.460987
Ti	4.950518	-4.710442	32.930390
O	4.873285	-4.803448	31.104609
O	6.329142	-6.160997	28.586987
Ti	4.902232	-4.962135	29.152566
O	8.944971	-2.449213	28.826639
Ti	10.512248	-3.544268	29.486858
O	10.220732	-2.654108	31.238383
O	8.600896	-1.953502	33.918444
Ti	10.069769	-2.772913	33.063274
O	11.636050	-4.052091	33.708764

O	12.325603	-4.627598	29.111898
O	10.541103	1.324735	33.266562
O	10.754653	0.980363	28.638023
O	11.890589	-2.019733	28.919375
Ti	12.353352	-0.066782	29.093286
O	12.141316	0.214919	30.941239
O	11.584385	-1.470634	33.530762
Ti	12.074949	0.280722	32.820907
O	13.633337	1.387731	33.241260
O	13.962758	-1.157192	32.606461
O	14.281081	-1.244310	29.179870
O	13.768278	1.355818	28.539396
O	15.559301	1.041618	30.697657
Ti	15.386148	0.307936	28.979486
O	17.025816	-0.708678	28.421488
Ti	14.989487	0.411152	32.384321
O	16.639676	-0.325188	32.910156
Ti	17.025258	-1.967704	32.065662
Ti	17.265050	-2.500804	29.270286
O	17.290690	-3.249728	33.386191
Ti	16.141229	-4.791529	33.306176
O	17.044145	-5.375728	31.740659
O	18.054707	-4.223405	29.216573
Ti	16.839304	-5.502739	29.884415
O	15.791582	-2.611474	30.653268
O	15.491930	-6.518909	33.630601
O	14.622071	-3.801844	33.824198
Ti	13.147832	-2.947293	33.017137
O	18.323169	-1.799427	30.742022
O	13.256278	-3.489969	31.275133
O	15.250863	-4.611086	29.047600
Ti	13.756346	-3.240983	29.435934
Ti	8.122298	-6.671209	29.303591
O	7.837587	-5.238683	30.683898
Ti	7.972390	-5.876814	32.392273
Ti	6.356879	-10.132422	28.688351
O	7.581348	-7.713960	31.272798
O	7.713216	-9.784175	33.072266
O	5.868669	-10.169735	30.557415
Ti	6.335363	-9.068285	31.971306
O	7.445638	-8.538218	28.596966
Ti	12.376496	-9.524926	31.690970
O	12.844383	-10.681059	30.319594
Ti	12.900721	-9.460762	28.793305
O	12.041821	-8.096807	30.481594
O	11.237446	-10.323505	28.074343
O	11.000552	-9.699673	32.970467
O	9.602135	-7.179498	32.859316
Ti	9.314303	-9.077914	32.350666
O	9.515316	-9.887425	30.666768
O	9.877742	-7.807839	29.120375
Ti	9.359915	-9.833963	28.771875

O	7.939574	-11.169367	28.668989
O	9.555057	-5.270672	28.769010
O	9.209016	-4.617284	33.247908
Ti	14.294963	-7.254652	32.339724
O	14.928903	-6.796860	30.603456
O	16.987700	-7.006725	28.777568
Ti	15.121648	-7.461180	28.688322
O	14.853264	-9.297047	28.753955
O	14.022861	-9.088164	32.528691
O	12.648277	-6.556711	32.952832
Ti	10.998656	-5.702831	32.721368
O	10.854289	-5.357614	30.909135
O	13.050132	-7.352865	28.445957
Ti	11.393032	-6.470790	29.198541

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Ti	-4.110557	6.517976	-2.307878
O	-4.537539	6.369653	-0.476892
O	-6.475049	6.634846	1.745223
Ti	-4.680676	6.919352	1.312932
O	-3.907649	8.548667	1.791268
O	-3.163966	8.162503	-2.116269
O	-2.734688	5.479878	-2.985906
Ti	-1.402586	4.341391	-2.233160
O	-1.487824	4.472245	-0.426224
O	-3.409930	5.740310	2.116981
Ti	-1.638489	4.874962	1.493384
O	-0.229246	3.154215	2.108659
O	-0.042078	2.776574	-2.650134
Ti	-1.601997	8.172145	-1.084703
O	-1.654134	9.496486	0.272914
Ti	-1.986312	8.340413	1.753091
O	-1.734343	6.854188	0.423170
O	-0.204918	8.492499	2.593380
O	-0.131306	8.008886	-2.168438
O	0.392909	5.307202	-2.538209
Ti	1.423714	6.867745	-1.864777
O	1.359998	7.225502	-0.026260
O	0.181985	5.721825	1.834329
Ti	1.386880	7.450319	1.856104
O	3.118344	8.302987	1.899074
O	2.838590	5.591141	2.012072
O	2.826318	5.140218	-1.445241
O	3.111179	7.509902	-2.515669
O	4.872227	6.906629	0.002357
Ti	4.319628	6.294361	-1.667290
Ti	4.331389	6.846561	1.834850
Ti	1.495025	4.079231	1.660199
O	1.429816	3.361341	-0.082124
Ti	1.584920	3.627383	-1.926336
O	-5.765515	6.033504	-3.077867
O	2.898023	2.660311	-2.847058

Ti	4.029083	1.367053	-2.094261
O	4.066592	1.488692	-0.251798
O	2.924342	2.830294	2.222425
Ti	4.128147	1.397025	1.675560
O	5.499025	-0.323897	2.207527
O	5.314698	-0.254233	-2.616496
O	5.926855	5.631486	2.300137
O	5.643544	5.322250	-2.576453
O	5.847079	2.243353	-2.490789
Ti	6.774959	3.889129	-2.023902
O	6.650604	4.070741	-0.172963
O	5.916605	2.326287	1.766829
Ti	6.958445	4.089020	1.686884
O	8.737277	4.899193	1.758495
O	8.464269	2.200081	1.941251
O	8.201572	1.944295	-1.426320
O	8.594855	4.290574	-2.573473
O	10.449049	3.712078	-0.091662
Ti	9.682629	3.064634	-1.645119
O	10.998015	1.807359	-2.260594
Ti	9.921619	3.469897	1.728583
O	11.517808	2.172117	2.091402
Ti	11.637119	0.273086	1.475203
Ti	11.194189	0.233757	-1.289263
O	11.311185	-1.578886	2.231574
Ti	9.462656	-2.348539	1.794353
O	9.364671	-2.400462	-0.090911
O	10.865729	-1.327419	-2.218364
Ti	9.151423	-2.203780	-1.940650
O	10.103662	0.344912	0.318308
O	8.459533	-0.802544	2.391656
Ti	7.221148	0.621092	1.726785
O	12.698473	0.154668	-0.060970
O	6.882004	-0.026985	-0.018847
O	8.104463	-0.809813	-2.608451
Ti	6.967052	0.453792	-1.807187
Ti	-6.669054	4.467824	-2.487558
O	-6.886666	4.680702	-0.611533
O	-8.820841	4.602930	1.791438
Ti	-7.039184	4.913698	1.241619
O	-5.507974	3.105087	-2.889386
Ti	-4.278190	1.839943	-2.143060
O	-4.487645	2.043648	-0.339400
O	-5.866677	3.649235	2.012135
Ti	-4.519268	2.238766	1.604431
O	-3.062884	0.530149	1.983737
O	-2.890613	0.195480	-2.310628
O	-2.605439	2.763920	-2.639160
O	-2.793128	3.174796	1.546180
Ti	-1.379090	1.565852	1.596083
O	-1.126063	1.262400	-0.246060
Ti	-1.207965	1.213960	-2.116224

Ti	-10.973694	-0.088117	-0.982781
Ti	-10.991134	0.326532	1.851165
O	-10.763042	1.328048	-2.169140
Ti	-9.083641	2.258993	-2.327805
O	-9.059149	2.714856	-0.489373
O	-11.066151	2.255697	1.914266
Ti	-9.411364	2.901480	1.335566
O	-9.593779	-0.081973	0.451171
O	-8.378154	3.836856	-3.069029
O	-8.106574	0.848183	-3.025553
Ti	-7.058623	-0.469022	-2.148017
O	-12.229925	0.166000	0.390559
O	-7.055111	-0.066284	-0.372740
O	-8.339785	1.528440	2.133200
Ti	-7.516279	-0.236115	1.486562
Ti	-9.862817	-3.068812	-1.503981
O	-11.170267	-1.727394	-1.858064
O	-8.597853	-1.980020	1.694508
O	-8.944539	-4.618566	2.248797
O	-10.589818	-3.562946	0.178991
Ti	-10.156608	-3.049801	1.927609
O	-11.294925	-1.513709	2.577848
O	-8.403709	-1.913648	-1.868845
O	-5.910916	-5.286126	-2.535614
O	-5.900118	-5.054531	2.171961
O	-6.084475	-2.018547	2.013012
Ti	-7.177084	-3.675271	1.722161
O	-7.062941	-3.860895	-0.130608
O	-5.930833	-2.296294	-2.538513
Ti	-7.022497	-3.841522	-2.018762
O	-8.881135	-4.402618	-2.376592
O	-5.349314	0.243648	-2.823553
O	-5.690253	0.617543	1.673522
O	-3.050628	-2.362284	2.195619
Ti	-4.345885	-1.006988	1.573966
O	-4.226756	-1.420844	-0.272973
O	-2.967264	-2.562475	-2.951201
Ti	-4.136785	-1.355094	-2.144543
O	-0.049058	-0.015559	-2.905748
Ti	1.139450	-1.210251	-2.078712
O	1.011555	-1.165924	-0.240159
O	-0.140502	0.160314	2.199247
Ti	1.174610	-1.192494	1.679699
O	2.638578	-2.921251	2.057981
O	2.546999	-2.807011	-2.447194
O	2.820915	-0.204666	-2.375462
O	2.912303	-0.224824	1.687702
O	8.611357	-4.058015	1.899327
Ti	6.840166	-4.673932	1.733150
O	6.586624	-4.394257	-0.168212
O	8.325046	-3.784308	-2.511255
Ti	6.566503	-4.379208	-2.011820

O	6.084932	-6.398149	1.897528
O	5.544647	-3.313976	2.276891
Ti	4.288993	-1.878412	1.715221
O	4.348145	-1.955916	-0.173766
O	5.434521	-3.092625	-2.725465
Ti	4.208070	-1.833163	-2.031285
Ti	-1.683957	-3.579065	-2.017581
O	-1.672323	-3.325504	-0.194779
Ti	-1.722219	-3.673099	1.685200
Ti	-4.462403	-6.256996	-1.807766
O	-3.015875	-5.283881	1.617019
O	-3.342121	-7.984341	2.125587
O	-5.008888	-6.803903	-0.089233
Ti	-4.538470	-6.401402	1.695852
O	-3.011254	-5.063739	-1.785147
Ti	1.530874	-8.800436	1.507966
O	1.477289	-9.868646	-0.023942
Ti	1.472010	-8.378421	-1.271590
O	1.561375	-7.259333	0.309353
O	-0.076271	-8.075532	-2.253270
O	-0.327686	-8.392476	2.071247
O	-0.368625	-5.451707	2.060382
Ti	-1.623248	-6.992132	1.682370
O	-1.667626	-7.032039	-0.169072
O	-0.443427	-5.305858	-2.520090
Ti	-1.557360	-6.855882	-2.035028
O	-3.276550	-7.500888	-2.642856
O	0.018407	-2.806380	-2.637865
O	0.054813	-2.856737	1.836733
Ti	4.256438	-6.939134	1.791931
O	4.220500	-6.697344	-0.091666
O	5.698016	-6.002480	-2.544879
Ti	4.029135	-6.625285	-1.952959
O	3.073332	-8.281143	-2.208362
O	3.374393	-8.702845	2.269043
O	2.808503	-5.769612	2.344229
Ti	1.418080	-4.527625	1.672861
O	1.396491	-4.454670	-0.226907
O	2.668807	-5.556666	-2.684638
Ti	1.334913	-4.376067	-2.079448
Ti	-3.128025	5.733460	4.287884
O	-3.094123	5.488886	6.171507
O	-4.570061	4.793327	8.626749
Ti	-2.901661	5.415041	8.031950
O	-1.944381	7.069800	8.289146
O	-2.243393	7.495957	3.811271
O	-1.684815	4.558031	3.737362
Ti	-0.293812	3.316644	4.407918
O	-0.270628	3.242217	6.307539
O	-1.541679	4.345915	8.764014
Ti	-0.209185	3.163661	8.160167
O	1.108820	1.592727	8.718133

O	1.069934	1.645685	4.245854
Ti	-0.399589	7.591770	4.572544
O	-0.345165	8.659289	6.105051
Ti	-0.342913	7.166691	7.351018
O	-0.434909	6.049736	5.768360
O	1.203023	6.859430	8.332382
O	1.459115	7.183308	4.010750
O	1.493726	4.241080	4.021762
Ti	2.751512	5.779573	4.400001
O	2.796169	5.819372	6.250952
O	1.569573	4.091973	8.601253
Ti	2.685771	5.641651	8.116100
O	4.404440	6.287796	8.724696
O	4.139026	3.850097	7.869436
O	4.142750	4.070864	4.465043
O	4.469953	6.771692	3.955133
O	6.137469	5.588853	6.170743
Ti	5.666580	5.187776	4.385424
Ti	5.590066	5.043860	7.889307
Ti	2.810501	2.366338	8.099883
O	2.799985	2.115533	6.276534
Ti	2.846497	2.461511	4.397037
O	-4.957892	5.192748	4.183598
O	4.172849	1.149449	3.883691
Ti	5.469854	-0.204403	4.505410
O	5.354293	0.208676	6.353248
O	4.093329	1.348376	9.033226
Ti	5.263670	0.141966	8.224919
O	6.477502	-1.454660	8.904001
O	6.816361	-1.826370	4.411224
O	7.040806	4.073764	8.613731
O	7.026426	3.840640	3.910711
O	7.210850	0.805225	4.069652
Ti	8.303836	2.460256	4.358326
O	8.194731	2.643369	6.211391
O	7.058177	1.084417	8.617850
Ti	8.151893	2.628237	8.098930
O	10.008356	3.192977	8.458610
O	9.538268	0.700031	7.955383
O	9.728558	0.767376	4.381672
O	10.069659	3.406145	3.834287
O	11.718453	2.347910	5.903630
Ti	11.284059	1.839021	4.155559
O	12.432182	0.306444	3.506373
Ti	10.992585	1.859109	7.589167
O	12.301813	0.520811	7.948915
Ti	12.108420	-1.119345	7.073808
Ti	12.134641	-1.531719	4.238813
O	11.901761	-2.534947	8.261670
Ti	10.220904	-3.461859	8.417556
O	10.196518	-3.915668	6.578428
O	12.201563	-3.459852	4.171748

Ti	10.547183	-4.100500	4.751319
O	10.734131	-1.126998	5.632727
O	9.245607	-2.049251	9.111400
Ti	8.186995	-0.741908	8.233336
O	13.368640	-1.375350	5.701752
O	8.189058	-1.141614	6.456670
O	9.465871	-2.738614	3.952116
Ti	8.644208	-0.975734	4.597222
Ti	-5.711744	3.468621	4.348266
O	-5.461602	3.187081	6.248682
O	-7.194141	2.567035	8.590655
Ti	-5.440090	3.170791	8.093017
O	-4.419894	2.105841	3.802881
Ti	-3.165989	0.667461	4.363575
O	-3.222953	0.745577	6.252754
O	-4.304046	1.884017	8.805794
Ti	-3.081301	0.622751	8.109665
O	-1.694802	-1.006329	8.456964
O	-1.789322	-0.985846	4.392093
O	-1.513790	1.709009	4.023621
O	-1.420628	1.595771	8.530697
Ti	-0.013478	-0.001578	8.160467
O	0.111716	-0.047075	6.321574
Ti	-0.050091	-0.018372	4.402613
Ti	-10.506041	-1.486226	4.614949
Ti	-10.063746	-1.449030	7.381948
O	-10.182417	0.367155	3.858431
Ti	-8.332587	1.141427	4.289911
O	-8.236750	1.183708	6.174820
O	-9.733316	0.110196	8.314085
Ti	-8.021429	0.987796	8.024505
O	-8.974238	-1.557848	5.774248
O	-7.484515	2.850682	4.185370
O	-7.340592	-0.412320	3.690318
Ti	-6.098538	-1.832598	4.357970
O	-11.567093	-1.371493	6.151806
O	-5.763246	-1.174861	6.100042
O	-6.978387	-0.409571	8.699414
Ti	-5.842384	-1.665018	7.887645
Ti	-8.794729	-4.682163	4.355044
O	-10.389433	-3.381552	3.993016
O	-7.073856	-3.157065	7.501468
O	-7.464050	-5.501040	8.658250
O	-9.322633	-4.920809	6.175810
Ti	-8.553339	-4.276088	7.730409
O	-9.867062	-3.021688	8.354287
O	-7.339262	-3.412794	4.138852
O	-4.798421	-6.843949	3.781384
O	-4.512830	-6.533428	8.655752
O	-4.721778	-3.452706	8.572100
Ti	-5.645513	-5.100618	8.105520
O	-5.523607	-5.283885	6.254612

O	-4.794565	-3.535924	4.318813
Ti	-5.832582	-5.302366	4.395024
O	-7.611666	-6.111951	4.325607
O	-4.376564	-0.886950	3.873382
O	-4.188920	-0.954930	8.693702
O	-1.773852	-3.872396	8.925365
Ti	-2.903383	-2.577032	8.173761
O	-2.945090	-2.697775	6.331646
O	-1.799688	-4.040158	3.859714
Ti	-3.006581	-2.606541	4.403613
O	1.264087	-1.371461	3.882925
Ti	2.502759	-2.776500	4.485889
O	2.251716	-2.472863	6.328232
O	1.173934	-1.198295	8.986835
Ti	2.335850	-2.426142	8.199210
O	3.733714	-3.975557	8.720657
O	3.919683	-4.384099	4.536315
O	4.187418	-1.740543	4.095456
O	4.018933	-1.408923	8.390619
O	9.511077	-5.041163	9.154624
Ti	7.801065	-5.669310	8.571193
O	8.015351	-5.873185	6.694439
O	9.954688	-5.802849	4.298621
Ti	8.170712	-6.113645	4.841986
O	6.898005	-7.235903	9.158165
O	6.640423	-4.308868	8.977854
Ti	5.406189	-3.051193	8.223268
O	5.616912	-3.257723	6.418976
O	6.995672	-4.853885	4.065764
Ti	5.645624	-3.446367	4.475201
Ti	-0.370506	-5.289881	4.421990
O	-0.306275	-4.568925	6.163530
Ti	-0.458618	-4.839110	8.007058
Ti	-3.202884	-8.059799	4.246624
O	-1.696123	-6.354159	7.523781
O	-1.980608	-8.721649	8.598830
O	-3.742624	-8.122956	6.078941
Ti	-3.189693	-7.507560	7.748872
O	-1.711786	-6.803125	4.070126
Ti	2.737147	-9.381845	7.165145
O	2.790907	-10.704063	5.806229
Ti	3.119926	-9.546818	4.325737
O	2.864848	-8.063350	5.658348
O	1.337142	-9.700988	3.486312
O	1.263174	-9.221049	8.246542
O	0.735057	-6.519922	8.618573
Ti	-0.293698	-8.081695	7.945085
O	-0.230879	-8.443151	6.107418
O	0.942381	-6.930707	4.250567
Ti	-0.255870	-8.662317	4.225158
O	-1.988503	-9.513800	4.179955
O	1.353785	-4.367211	3.972508

O	1.169057	-3.988547	8.732181
Ti	5.245102	-7.724470	8.386234
O	5.671370	-7.572461	6.555443
O	7.609715	-7.835324	4.340280
Ti	5.813101	-8.124106	4.764168
O	5.041339	-9.753232	4.286981
O	4.299650	-9.370124	8.196969
O	3.865846	-6.688971	9.061016
Ti	2.528894	-5.552863	8.313528
O	2.612245	-5.680167	6.506731
O	4.536329	-6.948676	3.963913
Ti	2.765102	-6.085149	4.587926

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Ti	-4.268196	6.462828	-2.096794
O	-4.704044	6.166444	-0.292004
O	-6.844888	6.672134	1.577053
Ti	-4.935054	6.765887	1.542573
O	-4.147605	8.433910	1.722065
O	-3.365188	8.117351	-2.135056
O	-2.906811	5.470442	-2.932947
Ti	-1.472420	4.355218	-2.441254
O	-1.444912	4.279709	-0.623454
O	-3.038554	6.045837	1.911253
Ti	-1.570789	4.834696	1.233368
O	-0.241026	3.133861	1.914959
O	-0.094557	2.811064	-2.856164
Ti	-1.701627	8.154999	-1.241562
O	-1.900764	9.385764	0.168264
Ti	-2.193176	8.135053	1.604724
O	-1.676471	6.747769	0.064660
O	-0.365214	8.438263	2.408929
O	-0.224572	8.093891	-2.376043
O	0.303901	5.367604	-2.689220
Ti	1.296783	6.964340	-1.999072
O	1.291340	7.390134	-0.160669
O	0.204684	5.711086	1.638105
Ti	1.307942	7.487450	1.722656
O	3.040593	8.343047	1.854149
O	2.792292	5.637888	1.904080
O	2.672456	5.231551	-1.472856
O	3.015547	7.552713	-2.638621
O	4.782153	6.969392	-0.065482
Ti	4.192368	6.351363	-1.727288
Ti	4.268144	6.896346	1.774558
Ti	1.503121	4.086733	1.478517
O	1.396878	3.303461	-0.240392
Ti	1.497060	3.693001	-2.072437
O	-5.872304	6.065660	-3.053567
O	2.852085	2.817998	-3.020586
Ti	3.970341	1.518477	-2.249901
O	3.996507	1.599833	-0.398822

O	2.955415	2.923270	2.120942
Ti	4.061487	1.413114	1.517445
O	5.409630	-0.271441	1.995437
O	5.230009	-0.098911	-2.818096
O	5.894257	5.725820	2.265511
O	5.548689	5.403514	-2.609362
O	5.786431	2.405549	-2.637109
Ti	6.752231	4.017190	-2.067711
O	6.624203	4.151740	-0.219427
O	5.850673	2.393436	1.642331
Ti	6.920208	4.158267	1.653763
O	8.731565	4.856420	1.760438
O	8.434720	2.192882	1.863118
O	8.156683	2.100869	-1.607093
O	8.575011	4.500228	-2.569319
O	10.446029	3.794648	-0.112862
Ti	9.661905	3.225576	-1.703585
O	11.000149	2.047689	-2.394074
Ti	9.936972	3.415250	1.681752
O	11.565636	2.147495	2.153652
Ti	11.614854	0.297955	1.372349
Ti	11.161580	0.467127	-1.397147
O	11.188260	-1.526940	1.725177
Ti	9.440881	-2.256230	1.532616
O	9.034748	-2.175679	-0.335298
O	10.761461	-1.080827	-2.338141
Ti	9.044654	-1.960652	-2.175106
O	10.087496	0.677577	0.178718
O	8.307550	-0.788435	2.115052
Ti	7.125013	0.701156	1.491045
O	12.666157	0.289880	-0.203668
O	6.790395	0.127442	-0.276090
O	8.037778	-0.578587	-2.942865
Ti	6.908623	0.625589	-2.060626
Ti	-6.828284	4.475915	-2.737259
O	-7.233120	4.712505	-0.895963
O	-9.030639	4.614853	1.627912
Ti	-7.297524	4.986256	0.941311
O	-5.635028	3.128645	-3.119841
Ti	-4.357858	1.883526	-2.410257
O	-4.550880	2.126300	-0.596719
O	-5.994524	3.756838	1.626628
Ti	-4.606417	2.319582	1.326581
O	-3.200677	0.610257	1.790810
O	-2.985713	0.226694	-2.537850
O	-2.677890	2.777498	-2.937708
O	-2.857110	3.231085	1.361409
Ti	-1.456292	1.581178	1.387370
O	-1.257807	1.248395	-0.461577
Ti	-1.293537	1.258919	-2.337971
Ti	-11.074568	-0.100171	-1.127980
Ti	-10.977823	0.378091	1.726701

O	-10.890564	1.293584	-2.362656
Ti	-9.231974	2.242158	-2.562347
O	-9.267880	2.776285	-0.726668
O	-11.283973	2.304973	1.677213
Ti	-9.659620	2.972480	1.077516
O	-9.650354	-0.129395	0.224319
O	-8.518025	3.787989	-3.357112
O	-8.223402	0.827840	-3.207876
Ti	-7.147673	-0.445307	-2.306535
O	-12.269089	0.161310	0.271363
O	-7.100981	0.015529	-0.542503
O	-8.692378	1.469267	1.870702
Ti	-7.604841	-0.218507	1.295519
Ti	-9.984466	-3.027340	-1.552859
O	-11.303589	-1.753626	-2.008009
O	-8.728171	-1.910773	1.658678
O	-9.137406	-4.519350	2.293295
O	-10.701119	-3.477284	0.153866
Ti	-10.315892	-2.951811	1.913759
O	-11.418455	-1.408376	2.532044
O	-8.502441	-1.889325	-1.970259
O	-6.017933	-5.203308	-2.589606
O	-6.112963	-5.077655	2.077621
O	-6.204823	-1.967565	1.819958
Ti	-7.357680	-3.629069	1.666785
O	-7.247798	-3.810886	-0.191407
O	-6.044815	-2.268810	-2.657231
Ti	-7.172735	-3.780096	-2.081267
O	-9.025547	-4.378860	-2.426813
O	-5.453122	0.272667	-3.033541
O	-5.807295	0.718521	1.518242
O	-3.199837	-2.345882	1.983737
Ti	-4.462919	-0.939088	1.394545
O	-4.338541	-1.320872	-0.457377
O	-3.106895	-2.555526	-3.144011
Ti	-4.237158	-1.307325	-2.334830
O	-0.124454	0.070048	-3.164113
Ti	1.072479	-1.073073	-2.276305
O	0.923304	-1.037152	-0.440803
O	-0.241201	0.151714	1.989593
Ti	1.114558	-1.203401	1.471237
O	2.555363	-2.905849	1.822237
O	2.467389	-2.630318	-2.711077
O	2.745647	-0.042665	-2.523914
O	2.838735	-0.197501	1.528076
O	8.745827	-4.023881	1.746563
Ti	6.949945	-4.571024	1.515781
O	6.714984	-4.311003	-0.377573
O	8.299559	-3.574436	-2.800353
Ti	6.584466	-4.213922	-2.230549
O	6.250243	-6.350102	1.699777
O	5.616214	-3.246827	2.047867

Ti	4.229024	-1.894284	1.524280
O	4.258837	-1.873229	-0.372683
O	5.400114	-2.929548	-2.868837
Ti	4.134384	-1.683654	-2.222241
Ti	-1.773431	-3.452605	-2.164886
O	-1.784941	-3.120135	-0.352900
Ti	-1.791864	-3.635439	1.490694
Ti	-4.563538	-6.136082	-1.848654
O	-3.096642	-5.240534	1.578180
O	-3.485411	-7.937480	2.122179
O	-5.099090	-6.721260	-0.137985
Ti	-4.628703	-6.322105	1.654379
O	-3.082582	-4.963612	-1.744536
Ti	1.604079	-8.385470	1.757010
O	1.401249	-9.382855	0.147013
Ti	1.358915	-7.928710	-1.060372
O	1.337826	-6.715530	0.518045
O	-0.116170	-7.783044	-2.189145
O	-0.464518	-8.474044	2.054571
O	-0.517542	-5.442172	1.865517
Ti	-1.715530	-7.063765	1.569711
O	-1.876837	-7.062397	-0.261260
O	-0.589230	-5.154354	-2.709478
Ti	-1.697210	-6.688085	-2.124493
O	-3.396419	-7.331729	-2.785140
O	-0.100889	-2.651570	-2.835901
O	0.031984	-2.908531	1.575612
Ti	4.411400	-6.694414	1.538843
O	4.210349	-6.109321	-0.282525
O	5.674472	-5.807977	-2.781414
Ti	3.968228	-6.263507	-2.118977
O	2.947204	-7.886716	-2.038912
O	3.505092	-8.364967	1.799529
O	3.048119	-5.439493	2.118262
Ti	1.358381	-4.615027	1.368444
O	1.285299	-4.335720	-0.549690
O	2.611836	-5.317547	-3.024832
Ti	1.238394	-4.205078	-2.374314
Ti	-3.046609	5.882126	4.063738
O	-3.615889	5.700139	5.850718
O	-5.191885	5.442872	8.267919
Ti	-3.450364	5.868095	7.702593
O	-2.452053	7.494053	7.917082
O	-2.339700	7.725516	3.787680
O	-1.745771	4.586481	3.595295
Ti	-0.343726	3.311601	4.207903
O	-0.318829	3.546876	6.067835
O	-2.129745	4.641385	8.303391
Ti	-0.478870	3.559117	7.948034
O	0.975228	1.927318	8.437578
O	1.036481	1.660484	4.131077
Ti	-0.460971	7.815545	4.460356

O	-0.337177	8.862713	6.034424
Ti	-0.703304	7.415038	7.253353
O	-0.830507	6.307948	5.683278
O	0.711063	7.050955	8.478409
O	1.315694	7.237092	3.907997
O	1.410846	4.303279	3.802758
Ti	2.644569	5.828805	4.320061
O	2.346541	6.033928	6.168652
O	1.204874	4.564992	8.471175
Ti	2.598765	6.167579	8.011854
O	4.333357	7.020026	7.959275
O	3.997983	4.384565	8.191398
O	4.055507	4.194740	4.465961
O	4.362197	6.815877	3.911397
O	6.130897	5.691318	6.104311
Ti	5.622675	5.258572	4.346446
Ti	5.571920	5.573942	7.927273
Ti	2.693438	2.829339	8.013152
O	2.714019	2.738449	6.186925
Ti	2.765259	2.564127	4.260257
O	-4.964422	5.536598	3.392200
O	4.008387	1.175579	3.767527
Ti	5.346437	-0.166769	4.282320
O	5.307491	0.122634	6.107736
O	3.992893	1.421183	8.464050
Ti	5.367475	0.083208	8.014243
O	6.777439	-1.656696	8.450824
O	6.716716	-1.804803	4.261180
O	7.128008	4.288354	8.379714
O	6.930609	3.863731	3.826806
O	7.092397	0.830047	3.823241
Ti	8.238541	2.449192	4.202027
O	8.064751	2.540998	6.025359
O	7.139371	1.051723	8.094227
Ti	8.255957	2.765580	7.895303
O	10.077463	3.537573	7.764584
O	9.734676	0.894418	8.177795
O	9.685577	0.705374	4.280126
O	10.049977	3.346875	3.802066
O	11.855894	2.152757	5.892714
Ti	11.247019	1.774232	4.187022
O	12.349055	0.124579	3.534150
Ti	11.229280	2.089104	7.737277
O	12.801559	0.798124	8.145350
Ti	12.892734	-1.098640	7.543629
Ti	12.528278	-1.327485	4.754794
O	12.515394	-2.866825	8.409244
Ti	10.635861	-3.725558	8.166577
O	10.760743	-3.992523	6.296658
O	12.345037	-3.065759	4.108164
Ti	10.656999	-3.929536	4.451031
O	11.414115	-1.048887	6.304070

O	9.641529	-2.155551	8.646560
Ti	8.448872	-0.658887	7.978304
O	13.996089	-1.264790	6.019918
O	8.506941	-1.004709	6.175660
O	9.571155	-2.502125	3.802633
Ti	8.458873	-0.915996	4.274354
Ti	-5.760790	3.778928	3.895401
O	-5.799830	3.825853	5.816552
O	-7.658004	3.182346	8.142617
Ti	-5.909525	3.776419	7.675656
O	-4.462003	2.398343	3.544525
Ti	-3.327632	0.825198	4.164004
O	-3.581562	1.071939	5.969867
O	-4.727147	2.439918	8.351894
Ti	-3.373019	1.049963	7.898346
O	-1.894472	-0.663697	8.341729
O	-1.959260	-0.848199	4.171505
O	-1.586779	1.753425	3.778487
O	-1.632013	1.897122	7.808249
Ti	-0.172267	0.308067	7.925066
O	-0.053687	0.081117	6.092525
Ti	-0.174808	0.023185	4.174735
Ti	-10.639135	-1.322856	4.621633
Ti	-10.273597	-1.093640	7.410260
O	-10.261493	0.445316	3.756267
Ti	-8.380136	1.303051	3.998423
O	-8.505963	1.570347	5.868175
O	-10.088902	0.644380	8.056839
Ti	-8.400907	1.507978	7.713928
O	-9.160044	-1.373724	5.860705
O	-7.469083	2.951313	3.746154
O	-7.386650	-0.267507	3.518552
Ti	-6.195424	-1.765294	4.185994
O	-11.741862	-1.155255	6.145640
O	-6.253435	-1.418641	5.988557
O	-7.316482	0.079489	8.362682
Ti	-6.205832	-1.507352	7.889941
Ti	-8.976930	-4.511688	4.427198
O	-10.548306	-3.219465	4.019631
O	-7.432715	-3.128543	7.884477
O	-7.797267	-5.769786	8.362742
O	-9.603304	-4.575432	6.271965
Ti	-8.994057	-4.196872	7.977512
O	-10.095523	-2.546576	8.630531
O	-7.481868	-3.317629	3.986443
O	-4.874571	-6.711136	3.785098
O	-4.677368	-6.287272	8.337137
O	-4.839610	-3.253553	8.340688
Ti	-5.985576	-4.872968	7.962494
O	-5.813401	-4.965186	6.139082
O	-4.886483	-3.475978	4.070524
Ti	-6.003752	-5.189220	4.268993

O	-7.825537	-5.960339	4.398991
O	-4.524116	-0.766872	3.713339
O	-4.463386	-0.618213	7.903874
O	-1.755390	-3.598975	8.395991
Ti	-3.094212	-2.256780	7.881681
O	-3.054864	-2.546515	6.056411
O	-1.739125	-3.844485	3.699470
Ti	-3.114541	-2.507717	4.149758
O	1.137842	-1.353282	3.688171
Ti	2.425449	-2.731166	4.238728
O	2.305042	-2.504565	6.071363
O	1.115627	-1.069475	8.475837
Ti	2.427136	-2.447330	7.988992
O	3.839598	-4.178127	8.383667
O	3.885059	-4.319966	4.357708
O	4.147774	-1.759939	3.822873
O	4.211732	-1.576008	7.992839
O	9.725736	-5.374081	8.419091
Ti	8.016389	-6.199155	8.266317
O	8.056578	-6.246632	6.345893
O	9.915200	-5.604002	4.021427
Ti	8.166382	-6.197942	4.486860
O	7.218786	-7.956692	8.766048
O	6.716116	-4.820570	8.618907
Ti	5.579969	-3.248534	8.000742
O	5.835679	-3.495664	6.194834
O	6.982231	-4.862130	3.811626
Ti	5.626690	-3.473423	4.267301
Ti	-0.440523	-5.253489	4.149756
O	-0.461628	-5.161999	5.976099
Ti	-0.512794	-4.987739	7.902625
Ti	-3.319408	-7.997714	4.237121
O	-1.803294	-6.617979	7.697794
O	-2.108613	-9.239140	8.252612
O	-3.878376	-8.115912	6.059934
Ti	-3.369755	-7.682550	7.817674
O	-1.744281	-6.809276	3.972456
Ti	2.715383	-10.237710	7.704450
O	2.593384	-11.285052	6.130540
Ti	2.959948	-9.837218	4.911281
O	3.086838	-8.730270	6.481400
O	1.542552	-9.474328	3.689314
O	0.938107	-9.659571	8.255025
O	0.841583	-6.726729	8.361185
Ti	-0.391246	-8.251934	7.843249
O	-0.093475	-8.453444	5.994446
O	1.048754	-6.989236	3.688545
Ti	-0.346533	-8.592784	4.151682
O	-2.081105	-9.444559	4.205954
O	1.277766	-4.351617	3.726276
O	1.216244	-4.084515	8.032288
Ti	5.300953	-8.303825	8.097295

O	5.870241	-8.118827	6.310412
O	7.450210	-7.865104	3.895348
Ti	5.707308	-8.288373	4.458778
O	4.708234	-9.914326	4.245907
O	4.595312	-10.147048	8.375903
O	3.996010	-7.012335	8.570756
Ti	2.596585	-5.736037	7.955970
O	2.570541	-5.972368	6.095830
O	4.384488	-7.062330	3.860617
Ti	2.732674	-5.981684	4.216250
Ti	-2.156304	4.273644	10.626299
O	-1.955046	3.687354	12.447580
O	-3.419674	3.384526	14.946961
Ti	-1.714324	3.840592	14.284155
O	-0.693432	5.464343	14.206184
O	-1.250919	5.944325	10.367056
O	-0.792676	3.019260	10.045822
Ti	0.895285	2.192468	10.795911
O	0.968591	1.914184	12.713742
O	-0.357601	2.894390	15.189737
Ti	1.015288	1.782021	14.538407
O	2.354633	0.228543	14.999185
O	2.221364	0.485429	10.588339
Ti	0.650439	5.966742	10.412129
O	0.852365	6.963056	12.022285
Ti	0.894797	5.506593	13.227622
O	0.915984	4.295722	11.647601
O	2.370325	5.360599	14.355733
O	2.716920	6.049655	10.109948
O	2.770096	3.018671	10.297766
Ti	3.968614	4.639459	10.594126
O	4.129385	4.638532	12.425401
O	2.842883	2.731474	14.873765
Ti	3.950763	4.265075	14.288671
O	5.649804	4.910146	14.948753
O	5.336611	2.541181	13.909533
O	5.349987	2.816991	10.586119
O	5.737978	5.514062	10.042495
O	7.352326	4.298493	12.301974
Ti	6.881831	3.899307	10.510175
Ti	6.817120	3.714459	14.012814
Ti	4.027224	1.030153	14.328658
O	4.038814	0.698978	12.516757
Ti	4.045459	1.211795	10.672487
O	-3.994875	3.927013	10.467148
O	5.452235	-0.078789	10.180420
Ti	6.716414	-1.484711	10.769596
O	6.591435	-1.102489	12.621321
O	5.359800	0.132608	15.307796
Ti	6.489957	-1.116333	14.498782
O	7.706903	-2.695304	15.197704
O	8.061462	-3.141615	10.647288

O	8.271188	2.781759	14.754723
O	8.365291	2.654099	10.086507
O	8.457987	-0.456152	10.344530
Ti	9.609986	1.205733	10.497496
O	9.499284	1.388873	12.355452
O	8.297256	-0.154166	14.820792
Ti	9.424390	1.357848	14.245426
O	11.276853	1.958106	14.591572
O	10.754647	-0.531540	14.133004
O	10.981907	-0.510661	10.506349
O	11.389249	2.096904	9.870798
O	12.953252	1.057501	12.010401
Ti	12.568722	0.530360	10.251043
O	13.671670	-1.012891	9.633223
Ti	12.236184	0.607619	13.717332
O	13.556754	-0.664317	14.172887
Ti	13.329964	-2.318725	13.293589
Ti	13.232346	-2.798171	10.439509
O	13.147077	-3.711539	14.529408
Ti	11.489416	-4.660941	14.728247
O	11.526459	-5.196631	12.892928
O	13.540247	-4.725496	10.488424
Ti	11.915931	-5.393389	11.088640
O	11.905386	-2.291414	11.942008
O	10.479050	-3.247831	15.373463
Ti	9.401260	-1.976931	14.470891
O	14.524035	-2.578380	11.894148
O	9.355716	-2.440263	12.707529
O	10.947499	-3.891259	10.295469
Ti	9.859309	-2.204252	10.869594
Ti	-4.694984	2.148238	10.649731
O	-4.459690	1.887899	12.543373
O	-6.045088	1.150970	14.966505
Ti	-4.329868	1.790818	14.396021
O	-3.361802	0.823733	10.117217
Ti	-1.974720	-0.529729	10.640168
O	-2.005709	-0.551029	12.537036
O	-3.145472	0.505635	15.034278
Ti	-1.880870	-0.740086	14.386472
O	-0.491620	-2.381118	14.687685
O	-0.584476	-2.226500	10.635036
O	-0.301798	0.483348	10.342748
O	-0.213732	0.207160	14.874249
Ti	1.181324	-1.349915	14.439910
O	1.329893	-1.385263	12.604349
Ti	1.139159	-1.219539	10.692222
Ti	-9.360409	-2.720115	10.791693
Ti	-8.905921	-2.890772	13.561096
O	-8.933054	-0.895343	10.439722
Ti	-7.185287	-0.166247	10.632682
O	-6.786756	-0.248375	12.500313
O	-8.505742	-1.342723	14.502274

Ti	-6.788849	-0.462513	14.339691
O	-7.832573	-3.100615	11.984783
O	-6.490786	1.601883	10.418519
O	-6.053214	-1.634406	10.049203
Ti	-4.871227	-3.124384	10.673275
O	-10.410946	-2.712058	12.367940
O	-4.536055	-2.550379	12.440154
O	-5.782702	-1.845304	15.107949
Ti	-4.654383	-3.049369	14.224400
Ti	-7.683658	-5.838021	10.482832
O	-9.312188	-4.569913	10.010953
O	-5.902278	-4.524390	13.770019
O	-6.319235	-6.923367	14.734207
O	-8.191646	-6.218785	12.277360
Ti	-7.406719	-5.649372	13.867808
O	-8.745191	-4.471475	14.557687
O	-6.181349	-4.615885	10.301200
O	-3.640664	-8.149376	9.898808
O	-3.290986	-7.826048	14.772697
O	-3.532270	-4.829165	14.800648
Ti	-4.496652	-6.441355	14.231629
O	-4.370223	-6.576026	12.383322
O	-3.597298	-4.817082	10.521585
Ti	-4.666862	-6.581603	10.510235
O	-6.478146	-7.279360	10.403398
O	-3.155845	-2.152276	10.168421
O	-2.975729	-2.325113	14.982441
O	-0.598736	-5.242715	15.183357
Ti	-1.716182	-3.941951	14.413182
O	-1.742214	-4.023072	12.562295
O	-0.702625	-5.347116	10.042025
Ti	-1.808128	-3.836789	10.645825
O	2.495207	-2.574179	10.173776
Ti	3.709337	-4.003758	10.777403
O	3.510801	-3.671340	12.626185
O	2.377890	-2.492928	15.328598
Ti	3.546589	-3.682088	14.502367
O	4.931321	-5.200657	15.102095
O	5.109413	-5.652043	10.803829
O	5.454371	-3.033897	10.372584
O	5.239236	-2.650361	14.702751
O	10.774973	-6.208037	15.520909
Ti	9.084749	-6.894244	14.902243
O	9.486431	-7.132638	13.060322
O	11.286869	-7.035832	10.539253
Ti	9.552148	-7.407006	11.222244
O	8.130169	-8.485295	15.220400
O	7.890312	-5.549017	15.286646
Ti	6.611553	-4.307023	14.575680
O	6.804594	-4.550653	12.761981
O	8.248412	-6.179337	10.536573
Ti	6.860462	-4.742317	10.838446

Ti	0.750219	-6.508940	10.686016
O	0.857391	-5.723484	12.404239
Ti	0.756934	-6.116328	14.235125
Ti	-2.014137	-9.318926	10.389849
O	-0.415024	-7.656775	13.632412
O	-0.758675	-9.975462	14.803895
O	-2.527534	-9.393582	12.230066
Ti	-1.935372	-8.775242	13.890804
O	-0.538258	-8.060927	10.260637
Ti	3.960802	-10.577117	13.404688
O	4.160690	-11.808163	11.994875
Ti	4.448696	-10.556520	10.558016
O	3.931864	-9.171606	12.095481
O	2.620255	-10.861025	9.754718
O	2.484766	-10.512500	14.540303
O	1.950156	-7.789704	14.853820
Ti	0.959894	-9.387714	14.163274
O	0.964558	-9.816604	12.325181
O	2.047751	-8.133631	10.526320
Ti	0.946456	-9.910023	10.441762
O	-0.786374	-10.765354	10.310134
O	2.493453	-5.555607	10.248892
O	2.348538	-5.234450	15.018807
Ti	6.526804	-8.882198	14.262056
O	6.960922	-8.588270	12.456678
O	9.099600	-9.092384	10.585984
Ti	7.189990	-9.184899	10.619939
O	6.403816	-10.853464	10.440137
O	5.622418	-10.536212	14.300736
O	5.163004	-7.891799	15.096273
Ti	3.726902	-6.778528	14.604274
O	3.699275	-6.704879	12.786554
O	5.295382	-8.464729	10.251492
Ti	3.824570	-7.257365	10.928358

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Ti	-4.328024	6.428354	-1.927390
O	-4.835881	6.037589	-0.134857
O	-6.786973	6.752438	1.725197
Ti	-4.881507	6.732031	1.737087
O	-4.132614	8.428283	1.787170
O	-3.495652	8.114458	-1.947179
O	-2.950404	5.491985	-2.812049
Ti	-1.509568	4.341750	-2.445558
O	-1.438009	4.225547	-0.641220
O	-2.956376	6.037738	2.022078
Ti	-1.544350	4.831305	1.227489
O	-0.154318	3.092002	1.723406
O	-0.118495	2.832035	-2.954391
Ti	-1.774932	8.165258	-1.158055
O	-1.891459	9.377652	0.258733
Ti	-2.197601	8.108874	1.704404

O	-1.719207	6.725510	0.099815
O	-0.384931	8.447485	2.504033
O	-0.341688	8.089048	-2.356567
O	0.280675	5.364702	-2.661739
Ti	1.183688	6.985111	-1.943258
O	1.214854	7.544527	-0.136966
O	0.279246	5.676794	1.482529
Ti	1.269047	7.501872	1.747741
O	3.002010	8.342819	1.915967
O	2.822687	5.634250	1.857167
O	2.514102	5.243470	-1.223651
O	2.909300	7.472548	-2.626049
O	4.748134	7.016661	-0.070131
Ti	4.059941	6.302022	-1.651824
Ti	4.256495	6.915136	1.777471
Ti	1.587724	4.079511	1.274346
O	1.401412	3.061670	-0.353030
Ti	1.467230	3.678823	-2.102870
O	-5.836192	6.090581	-3.043033
O	2.857395	2.930381	-3.100165
Ti	3.937827	1.537032	-2.414554
O	4.019598	1.563677	-0.567478
O	3.064654	2.945204	1.941374
Ti	4.090837	1.361916	1.347588
O	5.456960	-0.331944	1.820670
O	5.210327	-0.080105	-2.983373
O	5.896825	5.745775	2.249693
O	5.375073	5.360881	-2.595688
O	5.762981	2.422205	-2.777959
Ti	6.669430	4.032871	-2.111816
O	6.561798	4.179352	-0.263786
O	5.873334	2.364534	1.509153
Ti	6.894676	4.168535	1.608601
O	8.703714	4.874254	1.720520
O	8.431322	2.206679	1.799178
O	8.079636	2.147103	-1.646082
O	8.484559	4.555971	-2.607369
O	10.400746	3.837365	-0.164871
Ti	9.577801	3.283394	-1.741979
O	10.909523	2.113602	-2.453081
Ti	9.919762	3.438467	1.637956
O	11.554215	2.175793	2.098428
Ti	11.575020	0.323255	1.304992
Ti	11.087803	0.528456	-1.461264
O	11.199733	-1.529563	1.595016
Ti	9.459091	-2.274106	1.373692
O	9.031462	-2.180632	-0.485673
O	10.725188	-1.009578	-2.436817
Ti	9.018752	-1.920276	-2.319465
O	10.022136	0.704406	0.128472
O	8.321326	-0.791181	1.951877
Ti	7.149158	0.703687	1.333065

O	12.604181	0.358825	-0.289654
O	6.787323	0.094450	-0.428885
O	8.028016	-0.523504	-3.090770
Ti	6.873939	0.648329	-2.194234
Ti	-6.894066	4.544121	-2.795491
O	-7.379926	5.022726	-1.025880
O	-8.781830	4.684865	1.640955
Ti	-7.140960	5.164299	0.806800
O	-5.705707	3.169386	-3.123807
Ti	-4.396756	1.887142	-2.540897
O	-4.571639	2.103551	-0.722551
O	-5.947456	3.779963	1.487091
Ti	-4.575819	2.302869	1.199188
O	-3.167792	0.581929	1.591715
O	-3.024715	0.243011	-2.804071
O	-2.711351	2.801998	-3.047985
O	-2.830136	3.196356	1.258069
Ti	-1.404558	1.565092	1.166359
O	-1.311782	1.160498	-0.677976
Ti	-1.325526	1.250484	-2.548209
Ti	-11.053770	-0.026694	-1.026935
Ti	-10.824342	0.517974	1.815726
O	-10.855814	1.432059	-2.195952
Ti	-9.148441	2.249734	-2.403251
O	-8.815855	2.666743	-0.577036
O	-11.042674	2.450490	1.634352
Ti	-9.306856	2.968306	1.219214
O	-9.576463	-0.135054	0.221632
O	-8.578876	3.793546	-3.325421
O	-8.245722	0.830383	-3.189394
Ti	-7.148667	-0.482660	-2.385741
O	-12.184492	0.275922	0.402775
O	-6.997724	-0.163875	-0.599007
O	-8.640027	1.287859	2.015493
Ti	-7.546281	-0.275891	1.248762
Ti	-10.017595	-2.986765	-1.525187
O	-11.310976	-1.666543	-1.933904
O	-8.661278	-1.977718	1.585583
O	-9.187378	-4.526534	2.294045
O	-10.732455	-3.419218	0.195122
Ti	-10.291028	-2.884933	1.945833
O	-11.298174	-1.299811	2.605997
O	-8.519039	-1.911303	-2.074521
O	-6.075382	-5.213161	-2.718041
O	-6.177847	-5.212100	1.976551
O	-6.119273	-2.099083	1.671853
Ti	-7.366279	-3.714777	1.581907
O	-7.248345	-3.877506	-0.278367
O	-6.053771	-2.303110	-2.778678
Ti	-7.222772	-3.787540	-2.166055
O	-9.107432	-4.374690	-2.404503
O	-5.493829	0.274538	-3.170036

O	-5.755634	0.679245	1.415806
O	-3.168498	-2.404216	1.779609
Ti	-4.432399	-0.989005	1.188917
O	-4.253074	-1.334409	-0.662150
O	-3.104052	-2.544860	-3.362076
Ti	-4.249768	-1.314083	-2.539258
O	-0.134543	0.084818	-3.383777
Ti	1.062086	-1.065640	-2.501502
O	0.939224	-1.073452	-0.665266
O	-0.196759	0.110423	1.757515
Ti	1.154304	-1.251246	1.244721
O	2.589749	-2.957804	1.625971
O	2.467806	-2.616556	-2.918509
O	2.731788	-0.019255	-2.735320
O	2.880779	-0.255294	1.336705
O	8.772496	-4.053235	1.591188
Ti	6.992455	-4.647223	1.372186
O	6.756074	-4.371064	-0.527215
O	8.292403	-3.535331	-2.959758
Ti	6.594636	-4.216359	-2.373512
O	6.269657	-6.411217	1.543998
O	5.644805	-3.343471	1.903112
Ti	4.280566	-1.956853	1.353591
O	4.268379	-1.902169	-0.550472
O	5.408636	-2.927550	-3.005008
Ti	4.128999	-1.676100	-2.393461
Ti	-1.774536	-3.452701	-2.385710
O	-1.753641	-3.173619	-0.563233
Ti	-1.770822	-3.691945	1.277917
Ti	-4.591627	-6.126046	-2.008683
O	-3.104732	-5.281364	1.423838
O	-3.486953	-7.980851	1.967592
O	-5.092529	-6.726821	-0.295260
Ti	-4.635479	-6.368161	1.513421
O	-3.102720	-4.951237	-1.954820
Ti	1.587085	-8.425637	1.585107
O	1.377270	-9.396701	-0.044490
Ti	1.344779	-7.929002	-1.236597
O	1.330045	-6.735358	0.350785
O	-0.126365	-7.762938	-2.362386
O	-0.480918	-8.521790	1.887277
O	-0.507290	-5.492154	1.676001
Ti	-1.728447	-7.105669	1.403617
O	-1.892994	-7.063062	-0.434604
O	-0.591772	-5.157655	-2.904626
Ti	-1.720654	-6.675878	-2.293260
O	-3.422844	-7.329668	-2.943091
O	-0.099954	-2.654243	-3.063350
O	0.055021	-2.950551	1.358459
Ti	4.419199	-6.733806	1.346443
O	4.230030	-6.124999	-0.466638
O	5.681802	-5.801834	-2.956501

Ti	3.968620	-6.255626	-2.306299
O	2.936564	-7.872282	-2.216568
O	3.484054	-8.400734	1.609941
O	3.046774	-5.475922	1.923217
Ti	1.364847	-4.643904	1.161397
O	1.304059	-4.360021	-0.761634
O	2.627716	-5.305139	-3.230318
Ti	1.241693	-4.202607	-2.582525
Ti	-2.936586	5.738537	4.245018
O	-3.598708	5.164626	5.981828
O	-5.476747	5.634977	8.169753
Ti	-3.602887	5.649541	7.799415
O	-2.754317	7.364789	7.836594
O	-2.400963	7.679413	3.866120
O	-1.646607	4.515518	3.467447
Ti	-0.258380	3.203824	3.966472
O	-0.287492	3.271825	5.829404
O	-1.647069	4.985146	8.099735
Ti	-0.385532	3.500684	7.692646
O	1.002302	1.837758	8.190382
O	1.127631	1.559580	3.901703
Ti	-0.530782	7.728716	4.530022
O	-0.393381	8.550741	6.198906
Ti	-0.939900	7.040859	7.339031
O	-1.100453	6.111181	5.556073
O	0.613767	7.015120	8.556421
O	1.185617	7.064804	3.878664
O	1.481369	4.230631	3.657308
Ti	2.652334	5.786114	4.273515
O	2.345228	6.139918	6.087426
O	1.328369	4.485549	7.945313
Ti	2.469152	6.217802	7.966351
O	4.229155	7.072192	7.977814
O	3.976609	4.428728	8.165958
O	4.069174	4.179321	4.412698
O	4.358598	6.818004	3.898486
O	6.090605	5.723739	6.096154
Ti	5.628720	5.267751	4.333814
Ti	5.490089	5.654368	7.924673
Ti	2.703070	2.869553	7.774079
O	2.858750	2.560176	5.982853
Ti	2.830790	2.520566	4.053099
O	-4.848072	5.487116	3.460534
O	4.023147	1.088670	3.548011
Ti	5.354254	-0.236998	4.116828
O	5.238865	0.057479	5.944541
O	4.067623	1.569535	8.385990
Ti	5.285881	0.127940	7.851535
O	6.682824	-1.581180	8.264410
O	6.734174	-1.873109	4.095464
O	7.100217	4.432984	8.379588
O	6.898941	3.847827	3.769982

O	7.070965	0.822894	3.689819
Ti	8.216672	2.432004	4.140219
O	8.071372	2.597547	5.961961
O	7.023667	1.181610	7.966504
Ti	8.202686	2.892564	7.844442
O	10.079511	3.541070	7.721482
O	9.683339	0.939801	8.138457
O	9.674086	0.714954	4.158995
O	10.037575	3.356779	3.758206
O	11.851293	2.145070	5.858895
Ti	11.234520	1.790299	4.136171
O	12.313462	0.126829	3.430525
Ti	11.225947	2.073422	7.707739
O	12.807773	0.770994	8.244681
Ti	12.840542	-1.082013	7.506358
Ti	12.462184	-1.264548	4.733091
O	12.400314	-2.937329	7.835733
Ti	10.608582	-3.519291	7.949434
O	10.057311	-3.917914	6.182990
O	12.229300	-3.073164	4.258369
Ti	10.526877	-3.922815	4.387078
O	11.355328	-0.849674	6.229047
O	9.507630	-2.019101	8.406201
Ti	8.316708	-0.500229	7.785258
O	13.946066	-1.149551	5.950740
O	8.383435	-0.819087	5.984716
O	9.552712	-2.489191	3.604302
Ti	8.440754	-0.910228	4.085548
Ti	-5.852855	3.724194	3.693196
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O	-7.779812	3.610453	8.116514
Ti	-6.166383	4.123022	7.295569
O	-4.493418	2.367987	3.415858
Ti	-3.286989	0.782383	3.883903
O	-3.583642	1.093666	5.702128
O	-4.915492	2.645736	7.822254
Ti	-3.509041	1.176227	7.581592
O	-2.057877	-0.547489	8.134473
O	-1.912562	-0.900220	3.948486
O	-1.537507	1.678850	3.519102
O	-1.725821	1.988584	7.744186
Ti	-0.278938	0.317689	7.689069
O	-0.161793	0.052438	5.874068
Ti	-0.123204	-0.041230	3.933617
Ti	-10.538610	-1.201757	4.673396
Ti	-9.780186	-0.728071	7.429705
O	-10.268369	0.626787	3.857858
Ti	-8.263164	1.039963	4.244283
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O	-8.877894	-0.859973	5.613552

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O	-7.336426	-0.468858	3.424301
Ti	-6.067398	-1.907351	3.974143
O	-11.382465	-1.082943	6.316892
O	-5.983455	-1.620566	5.792813
O	-7.671328	-0.309435	8.113514
Ti	-6.219353	-1.595084	7.654045
Ti	-8.956399	-4.552474	4.394166
O	-10.395568	-3.086364	4.089018
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Ti	-9.112676	-4.130208	7.921147
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Ti	-6.134245	-4.911274	7.844894
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Ti	-5.980409	-5.263464	4.176645
O	-7.840733	-6.012245	4.393904
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O	-1.849404	-3.541810	8.184922
Ti	-3.191029	-2.185168	7.677944
O	-3.038632	-2.482958	5.868215
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Ti	-0.459391	-8.273950	7.709849
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Ti	5.716907	-8.204896	4.377093
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Ti	0.883842	2.047424	10.524280
O	0.901663	2.287186	12.369592
O	-1.019134	3.434331	14.633445
Ti	0.642535	2.388513	14.241823
O	2.089091	0.765851	14.709011
O	2.243572	0.410212	10.424340
Ti	0.627658	6.463197	10.679096
O	0.752521	7.602051	12.214592
Ti	0.466378	6.186575	13.474383
O	0.592238	4.981033	12.033097
O	1.876893	5.917218	14.749607
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Ti	3.840300	4.639441	10.536283
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O	7.243669	4.489268	12.305329
Ti	6.832564	4.029121	10.523301
Ti	6.698774	4.408593	14.143431
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Ti	3.980570	1.322053	10.543291
O	-3.759424	4.198129	9.533537
O	5.230255	-0.092587	10.061139
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O	5.046933	0.247420	14.752857
Ti	6.417057	-1.066668	14.299337
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Ti	9.514666	1.276867	10.401644
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Ti	9.360440	1.629025	14.069649
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O	13.065236	0.929828	12.025385
Ti	12.493043	0.496370	10.325582
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Ti	12.336461	0.918724	13.852505
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Ti	11.645659	-4.672612	14.002392
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Ti	9.447742	-1.727300	14.272292
O	14.764063	-2.549269	11.929871
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O	-0.536250	0.745826	14.055723
Ti	0.921471	-0.840456	14.204310
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Ti	1.004155	-1.221320	10.461579
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Ti	-7.226258	-0.113982	10.296915
O	-6.674493	0.284766	12.063286
O	-8.846652	-0.560145	13.987862
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O	-7.973986	-2.784453	12.017378
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O	-6.126259	-1.614888	9.840150
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Ti	-4.835979	-6.066686	14.106161
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Ti	-1.977887	-3.397956	14.129155
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O	11.162136	-7.243473	10.129729
Ti	9.548512	-7.756099	10.950258
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O	7.873629	-6.001967	14.830528
Ti	6.666912	-4.416961	14.362465
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Ti	6.889774	-4.810634	10.664657
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Ti	0.549729	-6.155928	14.193224
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Ti	-2.247825	-8.902468	13.912284
O	-0.595871	-8.062946	10.080423
Ti	3.913257	-11.362047	13.716320
O	3.776033	-12.184162	12.047701
Ti	4.321955	-10.674496	10.907216
O	4.482382	-9.744511	12.690073
O	2.768127	-10.648467	9.690405
O	2.196261	-10.699093	14.367376
O	1.898953	-7.865458	14.589515
Ti	0.728762	-9.421218	13.972791
O	1.035560	-9.774498	12.158868
O	2.056462	-8.119207	10.301113
Ti	0.911622	-9.852009	10.279819
O	-0.848069	-10.706426	10.268061
O	2.378513	-5.471860	10.055649
O	2.252742	-5.194411	14.344596
Ti	6.318958	-9.372099	14.001631
O	6.980609	-8.798339	12.264562
O	8.858920	-9.268132	10.076520
Ti	6.984993	-9.282674	10.446879
O	6.136545	-10.997914	10.409301
O	5.783682	-11.312948	14.379897
O	5.027384	-8.150085	14.778789

Ti	3.638530	-6.839219	14.280087
O	3.667609	-6.906291	12.416966
O	5.029117	-8.618184	10.146776
Ti	3.765986	-7.135364	10.553767
Ti	-1.037443	3.101425	16.900260
O	-0.848715	2.492273	18.713531
O	-2.300669	2.168452	21.203517
Ti	-0.587521	2.622454	20.553197
O	0.444744	4.238992	20.464425
O	-0.102880	4.768343	16.637769
O	0.334383	1.842985	16.323242
Ti	2.015487	1.009791	17.085066
O	2.076199	0.725819	19.007837
O	0.752937	1.670870	21.476732
Ti	2.138897	0.568079	20.828760
O	3.480446	-0.980257	21.309362
O	3.325284	-0.683654	16.887529
Ti	1.794244	4.792736	16.663374
O	2.004162	5.763593	18.292721
Ti	2.036060	4.295266	19.484630
O	2.050730	3.102114	17.896862
O	3.507578	4.128964	20.610407
O	3.861437	4.887166	16.359434
O	3.887269	1.857688	16.570127
Ti	5.108923	3.470790	16.843229
O	5.273000	3.428230	18.680257
O	3.971921	1.523298	21.151076
Ti	5.101365	3.041342	20.540086
O	6.803487	3.696198	21.189088
O	6.483559	1.317179	20.201798
O	6.485092	1.647163	16.822335
O	6.867229	4.346403	16.279117
O	8.473187	3.093065	18.540810
Ti	8.015508	2.733967	16.733059
Ti	7.972230	2.489824	20.257565
Ti	5.155001	-0.181323	20.632120
O	5.134227	-0.459538	18.809511
Ti	5.151146	0.057412	16.968050
O	-2.888257	2.778046	16.702211
O	6.548686	-1.230448	16.466721
Ti	7.812731	-2.645779	17.057225
O	7.633846	-2.300234	18.908278
O	6.484523	-1.089422	21.608135
Ti	7.630082	-2.320192	20.785415
O	8.874466	-3.908619	21.416063
O	9.136479	-4.313471	16.831126
O	9.455799	1.579826	20.964550
O	9.558055	1.577895	16.269789
O	9.499683	-1.535556	16.574637
Ti	10.746352	0.080177	16.664656
O	10.627852	0.243744	18.524808
O	9.433923	-1.330987	21.024930

Ti	10.602413	0.153791	20.412880
O	12.486927	0.741980	20.651267
O	11.899082	-1.721768	20.320607
O	12.042052	-1.655851	16.661450
O	12.567253	0.893084	15.952732
O	14.112385	-0.213465	18.051809
Ti	13.671332	-0.748122	16.301332
O	14.679880	-2.332078	15.641062
Ti	13.397458	-0.645689	19.772334
O	14.690904	-1.965734	20.181572
Ti	14.434826	-3.604976	19.274708
Ti	14.206686	-4.150067	16.431609
O	14.237755	-5.063845	20.444045
Ti	12.530761	-5.881809	20.652174
O	12.199780	-6.299761	18.825477
O	14.426783	-6.082061	16.614015
Ti	12.691491	-6.600108	17.029666
O	12.957780	-3.498846	18.025109
O	11.627068	-4.462892	21.437428
Ti	10.529333	-3.151847	20.632372
O	15.566289	-3.909026	17.845058
O	10.379817	-3.471462	18.845955
O	12.022406	-4.922180	16.231041
Ti	10.927389	-3.358752	16.997804
Ti	-3.610534	1.014143	16.873995
O	-3.374094	0.737976	18.773450
O	-4.910313	-0.098569	21.206333
Ti	-3.212778	0.582813	20.619778
O	-2.263756	-0.290556	16.343000
Ti	-0.900256	-1.677777	16.892519
O	-0.887838	-1.732511	18.796309
O	-2.027131	-0.706374	21.250914
Ti	-0.748584	-1.958652	20.639300
O	0.649051	-3.615853	20.980926
O	0.499611	-3.379231	16.909222
O	0.790501	-0.676344	16.620145
O	0.912699	-1.018053	21.164495
Ti	2.318524	-2.568650	20.747345
O	2.441250	-2.560375	18.911137
Ti	2.226025	-2.382952	17.001128
Ti	-8.193355	-3.956841	16.940759
Ti	-7.705745	-4.162625	19.706826
O	-7.817675	-2.103996	16.650994
Ti	-6.077210	-1.359034	16.872416
O	-5.649711	-1.452340	18.731928
O	-7.342908	-2.624564	20.682833
Ti	-5.636660	-1.713239	20.565670
O	-6.640162	-4.338394	18.117025
O	-5.390478	0.420202	16.655077
O	-4.940097	-2.842537	16.294441
Ti	-3.769007	-4.338234	16.913189
O	-9.222187	-3.992341	18.535577

O	-3.406491	-3.727588	18.675112
O	-4.646657	-3.110811	21.336981
Ti	-3.493164	-4.282830	20.440013
Ti	-6.539295	-7.072808	16.608180
O	-8.173386	-5.809410	16.147910
O	-4.698398	-5.781470	19.890777
O	-5.103006	-8.189776	20.854095
O	-7.019882	-7.472326	18.410979
Ti	-6.196399	-6.917769	19.987715
O	-7.528128	-5.747704	20.698471
O	-5.050800	-5.841088	16.447056
O	-2.515437	-9.380254	15.996529
O	-1.991398	-8.993480	20.840371
O	-2.382465	-6.056506	21.024328
Ti	-3.288102	-7.667220	20.357820
O	-3.181351	-7.814376	18.509787
O	-2.493027	-5.999047	16.737214
Ti	-3.513950	-7.803260	16.637299
O	-5.322974	-8.508602	16.525122
O	-2.076292	-3.302603	16.425324
O	-1.829375	-3.554537	21.229527
O	0.522880	-6.565998	21.345103
Ti	-0.557103	-5.171784	20.660484
O	-0.637392	-5.198434	18.813534
O	0.315911	-6.580049	16.305229
Ti	-0.710544	-4.996586	16.898412
O	3.577144	-3.744718	16.488691
Ti	4.784611	-5.199735	17.079879
O	4.692710	-4.794481	18.924163
O	3.515080	-3.719100	21.629664
Ti	4.706094	-4.884788	20.794268
O	6.091898	-6.436097	21.294466
O	6.210643	-6.830625	16.988218
O	6.548156	-4.216426	16.654526
O	6.405231	-3.877571	21.050465
O	11.960530	-7.426349	21.572612
Ti	10.275632	-8.176220	21.042256
O	10.760734	-8.653198	19.271269
O	12.166087	-8.316109	16.605941
Ti	10.524644	-8.795160	17.438571
O	9.218772	-9.723264	21.289595
O	9.086760	-6.802302	21.371745
Ti	7.777296	-5.521486	20.787403
O	7.952193	-5.738566	18.969052
O	9.329584	-7.412714	16.758516
Ti	7.956159	-5.937048	17.047263
Ti	1.792308	-7.714333	16.974020
O	1.979826	-6.692028	18.599252
Ti	1.913820	-7.312782	20.347991
Ti	-0.875306	-10.550120	16.468308
O	0.869373	-8.877408	19.460485
O	0.472972	-11.104035	20.871950

O	-1.366921	-10.651600	18.315943
Ti	-0.676982	-9.934632	19.895738
O	0.558183	-9.268954	16.388964
Ti	5.158131	-11.799174	19.404371
O	5.275696	-13.011497	17.987612
Ti	5.580733	-11.742664	16.541646
O	5.100881	-10.359672	18.146232
O	3.767838	-12.080671	15.742403
O	3.724185	-11.723056	20.602100
O	3.099766	-8.998805	20.906806
Ti	2.199098	-10.619677	20.188331
O	2.166759	-11.181570	18.382747
O	3.100661	-9.311088	16.764735
Ti	2.112621	-11.136463	16.498253
O	0.379634	-11.977392	16.329638
O	3.534469	-6.727259	16.523085
O	3.499143	-6.466483	21.200509
Ti	7.709991	-10.061434	20.174955
O	8.216163	-9.671835	18.381963
O	10.169655	-10.383984	16.522126
Ti	8.263617	-10.364169	16.510349
O	7.515896	-12.060636	16.458973
O	6.878224	-11.747865	20.194626
O	6.331679	-9.125504	21.058845
Ti	4.890497	-7.975943	20.691753
O	4.818683	-7.860029	18.887443
O	6.338188	-9.671081	16.224358
Ti	4.925079	-8.465828	17.018693

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Ti	-4.417316	6.479467	-1.903312
O	-4.956196	6.085346	-0.105009
O	-6.790450	6.869396	1.805741
Ti	-4.910786	6.798729	1.786981
O	-4.152403	8.488544	1.813262
O	-3.626918	8.182468	-1.916020
O	-2.998727	5.540390	-2.726034
Ti	-1.633141	4.293669	-2.420002
O	-1.540609	4.100337	-0.621675
O	-2.986247	6.083544	2.024108
Ti	-1.594648	4.859743	1.214936
O	-0.176927	3.155126	1.602243
O	-0.231670	2.840279	-3.049917
Ti	-1.893854	8.194331	-1.158599
O	-1.945982	9.394998	0.255665
Ti	-2.228567	8.127918	1.720975
O	-1.801690	6.730655	0.060144
O	-0.416090	8.454020	2.486373
O	-0.487981	8.103229	-2.410923
O	0.207456	5.306894	-2.495345
Ti	0.979007	6.998290	-1.895400
O	1.103608	7.681996	-0.151680

O	0.232927	5.699207	1.381419
Ti	1.249574	7.495754	1.733188
O	2.987936	8.370931	1.850758
O	2.756724	5.683674	1.850369
O	2.347226	5.059731	-0.842886
O	2.733387	7.176666	-2.595815
O	4.670818	6.942287	-0.101050
Ti	3.870887	6.073543	-1.536838
Ti	4.219837	6.937167	1.766336
Ti	1.581181	4.118082	1.041204
O	1.272398	2.774575	-0.429423
Ti	1.342974	3.555911	-2.083706
O	-5.849771	6.152377	-3.094658
O	2.805244	2.996135	-3.095882
Ti	3.928246	1.559398	-2.537179
O	4.079143	1.577986	-0.699315
O	3.048317	2.998956	1.778020
Ti	4.082014	1.404026	1.223168
O	5.462851	-0.302551	1.670313
O	5.200968	-0.069483	-3.111171
O	5.874572	5.769320	2.205421
O	5.177002	5.190791	-2.538416
O	5.766113	2.405017	-2.919310
Ti	6.634077	3.998506	-2.157951
O	6.587910	4.198591	-0.309749
O	5.877150	2.388057	1.409448
Ti	6.886511	4.201133	1.567042
O	8.692039	4.927865	1.698197
O	8.428030	2.251776	1.726802
O	8.026700	2.162111	-1.671594
O	8.429667	4.556831	-2.680643
O	10.364136	3.883459	-0.221273
Ti	9.527301	3.303688	-1.782549
O	10.861554	2.153595	-2.509908
Ti	9.905563	3.495776	1.591505
O	11.536985	2.225828	2.035633
Ti	11.560192	0.371618	1.246412
Ti	11.067736	0.565632	-1.524588
O	11.208441	-1.483878	1.531753
Ti	9.473964	-2.247572	1.276601
O	9.090691	-2.182116	-0.596230
O	10.738554	-0.964129	-2.523931
Ti	9.038534	-1.897909	-2.424735
O	9.995870	0.726677	0.061812
O	8.331979	-0.765021	1.839213
Ti	7.164937	0.737814	1.208516
O	12.585320	0.421270	-0.353493
O	6.805565	0.062113	-0.540322
O	8.049292	-0.493639	-3.194647
Ti	6.861770	0.638620	-2.296822
Ti	-6.989359	4.656509	-2.787868
O	-7.500314	5.361363	-1.103554

O	-8.782751	4.950580	1.582487
Ti	-7.161720	5.370439	0.718197
O	-5.808833	3.257753	-3.086883
Ti	-4.513696	1.902759	-2.643588
O	-4.655984	2.102933	-0.818669
O	-6.007722	3.874492	1.360221
Ti	-4.662887	2.355580	1.093272
O	-3.217908	0.630217	1.453630
O	-3.130183	0.265532	-3.017258
O	-2.817804	2.822057	-3.131217
O	-2.923088	3.231240	1.244644
Ti	-1.445330	1.640051	1.009704
O	-1.447177	1.117501	-0.822559
Ti	-1.434813	1.222480	-2.681035
Ti	-11.077351	0.084278	-0.966609
Ti	-10.767941	0.638385	1.863012
O	-10.874934	1.634411	-2.000827
Ti	-9.127208	2.371667	-2.058059
O	-8.609514	2.720449	-0.290878
O	-10.821942	2.573411	1.856036
Ti	-9.034454	3.099390	1.587469
O	-9.564409	-0.143925	0.150311
O	-8.677097	3.867558	-3.138664
O	-8.288105	0.964602	-2.968341
Ti	-7.199520	-0.461565	-2.434230
O	-12.158975	0.449105	0.493313
O	-6.839929	-0.382089	-0.640255
O	-8.640454	1.099571	1.995423
Ti	-7.525314	-0.347718	1.161636
Ti	-10.099390	-2.880053	-1.540089
O	-11.376780	-1.536392	-1.923213
O	-8.687760	-1.987273	1.569222
O	-9.250388	-4.497652	2.269048
O	-10.808413	-3.330573	0.183647
Ti	-10.344141	-2.838801	1.941733
O	-11.257703	-1.202812	2.625728
O	-8.588979	-1.861999	-2.196648
O	-6.128581	-5.154312	-2.778850
O	-6.238861	-5.231538	1.890411
O	-6.136079	-2.113098	1.603429
Ti	-7.424234	-3.722956	1.525654
O	-7.303100	-3.843107	-0.342545
O	-6.115855	-2.294370	-2.904286
Ti	-7.306758	-3.740467	-2.226892
O	-9.210187	-4.303220	-2.400881
O	-5.585580	0.297517	-3.294500
O	-5.793204	0.711674	1.347420
O	-3.209228	-2.411092	1.620324
Ti	-4.467533	-0.965637	1.047145
O	-4.222720	-1.312844	-0.805729
O	-3.149067	-2.532777	-3.493291
Ti	-4.321104	-1.315515	-2.676110

O	-0.182755	0.117684	-3.517352
Ti	1.041251	-1.021705	-2.658463
O	0.944657	-1.033158	-0.824850
O	-0.240627	0.150746	1.570239
Ti	1.139954	-1.200126	1.088411
O	2.585418	-2.923575	1.469823
O	2.441039	-2.577386	-3.088068
O	2.718513	0.023843	-2.901348
O	2.882113	-0.222374	1.192865
O	8.775862	-4.024210	1.468587
Ti	6.997248	-4.619718	1.238707
O	6.752906	-4.335128	-0.665030
O	8.289585	-3.495494	-3.081037
Ti	6.584933	-4.184561	-2.508713
O	6.272014	-6.385057	1.393780
O	5.650799	-3.308712	1.757945
Ti	4.282062	-1.923555	1.196444
O	4.241167	-1.887842	-0.707520
O	5.395473	-2.902977	-3.154182
Ti	4.105328	-1.658939	-2.548099
Ti	-1.798416	-3.401775	-2.511001
O	-1.737519	-3.109041	-0.694520
Ti	-1.775648	-3.666862	1.134629
Ti	-4.627250	-6.052732	-2.098316
O	-3.109386	-5.265448	1.312182
O	-3.512942	-7.959546	1.850834
O	-5.117501	-6.680798	-0.390234
Ti	-4.653922	-6.334309	1.420865
O	-3.116736	-4.901914	-2.024172
Ti	1.581798	-8.400747	1.453995
O	1.361930	-9.367013	-0.181957
Ti	1.322789	-7.894645	-1.369428
O	1.321640	-6.708064	0.220946
O	-0.154912	-7.709273	-2.483444
O	-0.489279	-8.507784	1.760065
O	-0.519169	-5.473798	1.518345
Ti	-1.748553	-7.095750	1.276063
O	-1.922043	-7.067432	-0.558563
O	-0.627484	-5.112897	-3.035639
Ti	-1.758463	-6.624696	-2.409004
O	-3.467915	-7.249608	-3.063197
O	-0.122957	-2.614821	-3.209345
O	0.054523	-2.916065	1.214334
Ti	4.422420	-6.718245	1.196090
O	4.232462	-6.117413	-0.618635
O	5.665348	-5.765509	-3.098497
Ti	3.948230	-6.225964	-2.455562
O	2.907026	-7.837264	-2.365463
O	3.481747	-8.381249	1.468653
O	3.047042	-5.452580	1.753171
Ti	1.356256	-4.612657	1.007762
O	1.290874	-4.328213	-0.914483

O	2.607462	-5.269581	-3.374306
Ti	1.214335	-4.166959	-2.733123
Ti	-2.952387	5.738245	4.281574
O	-3.643400	5.150874	6.000766
O	-5.395712	5.603996	8.158213
Ti	-3.497508	5.634408	7.860052
O	-2.752682	7.406808	7.796234
O	-2.438630	7.692435	3.868733
O	-1.694015	4.523852	3.427862
Ti	-0.265413	3.212764	3.838448
O	-0.278382	3.236064	5.693639
O	-1.507017	5.052184	7.960284
Ti	-0.399161	3.501762	7.569600
O	1.032576	1.804909	7.991590
O	1.107328	1.566792	3.707499
Ti	-0.554922	7.752081	4.512912
O	-0.393816	8.577803	6.165912
Ti	-0.946417	7.069751	7.325894
O	-1.114154	6.132531	5.508936
O	0.621526	7.117228	8.543560
O	1.175398	7.112103	3.854998
O	1.459434	4.252549	3.540250
Ti	2.609123	5.782843	4.223505
O	2.304606	6.110025	6.041313
O	1.339669	4.457986	7.832886
Ti	2.412216	6.229505	7.927274
O	4.165632	7.073309	7.976834
O	3.973115	4.418654	8.079323
O	4.047532	4.186025	4.325680
O	4.330507	6.832756	3.870129
O	6.053626	5.750785	6.049472
Ti	5.598646	5.281106	4.285307
Ti	5.456121	5.667057	7.875596
Ti	2.719645	2.874976	7.601441
O	2.847242	2.528939	5.815205
Ti	2.794821	2.549620	3.885341
O	-4.859221	5.479328	3.447655
O	4.026734	1.132405	3.393490
Ti	5.350066	-0.210498	3.948518
O	5.242968	0.050873	5.780142
O	4.112061	1.583104	8.196145
Ti	5.305561	0.106569	7.679073
O	6.717511	-1.598060	8.106529
O	6.732417	-1.849309	3.959912
O	7.082321	4.459405	8.326072
O	6.881967	3.865307	3.719873
O	7.078555	0.846449	3.568784
Ti	8.208197	2.452351	4.069366
O	8.077421	2.620383	5.890232
O	7.028122	1.188031	7.837828
Ti	8.184439	2.922529	7.778271
O	10.060100	3.581300	7.682633

O	9.687939	0.973523	8.066391
O	9.670527	0.744095	4.070117
O	10.029639	3.396092	3.705785
O	11.837871	2.194878	5.802436
Ti	11.225786	1.828911	4.081300
O	12.321457	0.183462	3.370477
Ti	11.220641	2.120321	7.656944
O	12.811867	0.837321	8.187796
Ti	12.855549	-1.022493	7.451400
Ti	12.471682	-1.209362	4.675311
O	12.414520	-2.877785	7.799102
Ti	10.640510	-3.514234	7.890678
O	10.114031	-3.924627	6.116323
O	12.239678	-3.015632	4.193242
Ti	10.542729	-3.885487	4.312164
O	11.367932	-0.793999	6.169054
O	9.513930	-2.006818	8.289958
Ti	8.334239	-0.471367	7.669967
O	13.957915	-1.095565	5.892349
O	8.410578	-0.805034	5.866967
O	9.558020	-2.474336	3.507939
Ti	8.438307	-0.887784	3.971874
Ti	-5.963283	3.784030	3.546562
O	-6.366766	4.327972	5.319341
O	-7.648560	3.635407	7.974767
Ti	-6.055443	4.182155	7.130148
O	-4.695918	2.353261	3.323429
Ti	-3.341406	0.815511	3.697102
O	-3.631958	1.114347	5.520192
O	-4.827157	2.670222	7.631090
Ti	-3.470327	1.131521	7.388206
O	-2.048399	-0.601005	7.883761
O	-1.957675	-0.874027	3.766263
O	-1.583715	1.708837	3.361464
O	-1.699005	1.944138	7.550138
Ti	-0.252525	0.283903	7.469801
O	-0.166962	0.013017	5.661124
Ti	-0.170051	-0.017552	3.727773
Ti	-10.532509	-1.172350	4.687331
Ti	-9.722078	-0.671876	7.412506
O	-10.255995	0.689572	3.959982
Ti	-8.259933	1.065747	4.182725
O	-7.590265	1.621013	5.876985
O	-9.790307	1.179536	7.828683
Ti	-7.965832	1.779041	7.736430
O	-8.846258	-0.890867	5.593868
O	-7.761395	2.908983	3.340801
O	-7.261472	-0.403870	3.423325
Ti	-6.068559	-1.910761	3.899445
O	-11.351881	-1.046696	6.343050
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Ti	-6.221919	-1.589630	7.586470
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O	-7.458314	-3.205370	7.579253
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O	-4.901257	-6.781641	3.543247
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Ti	-6.189149	-4.967154	7.756848
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Ti	-6.013501	-5.249412	4.087353
O	-7.894250	-5.972948	4.350542
O	-4.462694	-0.850253	3.354768
O	-4.557755	-0.540941	7.644374
O	-1.864331	-3.620695	8.001682
Ti	-3.203817	-2.254290	7.486912
O	-3.010280	-2.569542	5.691086
O	-1.650128	-3.854954	3.340065
Ti	-3.054993	-2.561419	3.775745
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O	4.191594	-1.820601	3.478419
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O	10.002240	-5.615086	3.796655
Ti	8.274552	-6.218895	4.352551
O	7.202398	-7.888569	8.568117
O	6.969521	-4.785495	8.281953
Ti	5.609988	-3.282240	7.680084
O	5.899813	-3.623004	5.887862
O	7.084371	-4.928651	3.588629
Ti	5.678404	-3.542325	3.969467
Ti	-0.416972	-5.316099	3.795422
O	-0.523272	-5.259351	5.632940
Ti	-0.580961	-5.007453	7.535690
Ti	-3.334861	-8.028577	3.984173
O	-1.886611	-6.643123	7.507889
O	-2.223533	-9.247648	8.088639
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Ti	-3.463630	-7.687562	7.615650

O	-1.746309	-6.858282	3.663918
Ti	2.769772	-10.104403	7.493228
O	2.631181	-11.216642	5.937333
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O	2.786774	-8.599839	6.164167
O	1.513276	-9.513590	3.387341
O	0.881883	-9.747099	8.065166
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Ti	-0.462649	-8.327051	7.585900
O	-0.228458	-8.549271	5.733755
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O	-2.115449	-9.491033	3.917358
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Ti	2.515626	-5.725602	7.549210
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O	4.415541	-7.031989	3.457872
Ti	2.740170	-5.989838	3.830343
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Ti	-2.518059	4.421888	14.028779
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O	-1.404580	6.263067	10.250106
O	-0.626649	3.157165	9.729720
Ti	0.890695	1.951700	10.247577
O	0.864439	1.983295	12.097567
O	-0.565476	3.766831	14.325255
Ti	0.729452	2.314818	13.946196
O	2.119643	0.665677	14.450990
O	2.270596	0.314447	10.179565
Ti	0.492971	6.423624	10.607612
O	0.658164	7.283388	12.273884
Ti	0.205030	5.786672	13.445110
O	0.156668	4.753497	11.744844
O	1.724816	5.814413	14.708041
O	2.332941	5.909768	10.029710
O	2.610030	3.019561	9.949342
Ti	3.802730	4.606427	10.444056
O	3.536988	4.972768	12.255118
O	2.434706	3.323238	14.155296
Ti	3.610764	5.038297	14.146044
O	5.378036	5.888690	14.149160
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O	5.233055	2.958731	10.519976
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O	7.190108	4.497080	12.254501
Ti	6.790736	4.036740	10.471475
Ti	6.629292	4.458275	14.102122
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Ti	3.980262	1.273237	10.320974
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O	5.224314	-0.150720	9.847010
Ti	6.581929	-1.466329	10.421970
O	6.289650	-1.153238	12.219079
O	5.172411	0.405565	14.636033
Ti	6.423320	-1.014670	14.123957
O	7.801283	-2.732093	14.574701
O	7.978775	-3.134188	10.303450
O	8.250721	3.272511	14.575243
O	8.244412	2.789607	9.928347
O	8.240737	-0.291810	9.985543
Ti	9.505777	1.315026	10.335097
O	9.247115	1.554989	12.141413
O	8.145349	0.069032	14.219011
Ti	9.359658	1.725804	14.033649
O	11.270650	2.334961	13.866816
O	10.813590	-0.226647	14.296735
O	10.844823	-0.385157	10.495888
O	11.360358	2.132588	9.802865
O	13.088326	0.936141	11.996080
Ti	12.500926	0.547817	10.276788
O	13.340931	-1.210808	9.601350
Ti	12.399957	0.861950	13.833728
O	13.884084	-0.549607	14.307987
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Ti	13.162015	-2.753722	10.817170
O	13.378035	-4.294800	13.952099
Ti	11.570504	-4.810506	13.990068
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O	13.160968	-4.649717	10.414468
Ti	11.392485	-5.325982	10.433411
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Ti	9.445661	-1.659993	14.069483
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O	9.139402	-1.860914	12.270660
O	11.013706	-3.304869	10.078235
Ti	9.592205	-1.985791	10.450405
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O	-5.245929	3.075798	11.506915
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O	-3.535380	1.101892	9.643098
Ti	-2.189193	-0.440837	10.127316

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Ti	-2.396755	-0.028658	13.812484
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O	-0.619138	0.800255	13.983441
Ti	0.824686	-0.853269	13.964989
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Ti	-8.653039	-2.090284	13.511654
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Ti	-7.060781	-0.033924	10.336831
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O	-8.650968	-0.194204	13.913777
Ti	-6.881927	0.482272	13.893667
O	-7.693900	-2.634236	11.880416
O	-6.580324	1.651170	9.407737
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Ti	-4.938090	-3.185959	10.259089
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O	-6.853182	-6.977828	14.525588
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O	-3.470797	-1.711797	14.025125
O	-0.716519	-4.694973	14.481686
Ti	-2.070324	-3.379841	13.906318
O	-1.781664	-3.693182	12.109445
O	-0.664462	-5.251314	9.692400
Ti	-1.915825	-3.831334	10.204578
O	2.361376	-2.645439	9.780900
Ti	3.682710	-3.990201	10.363499
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O	2.146315	-2.200778	14.547656

Ti	3.508041	-3.551518	14.099147
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O	5.464568	-3.120628	9.943951
O	5.292095	-2.708983	14.161120
O	11.088982	-6.493875	14.920900
Ti	9.258084	-7.412353	14.564280
O	9.755614	-7.919283	12.819781
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Ti	9.526257	-7.750414	10.971922
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Ti	6.904585	-4.817337	10.515789
Ti	0.696945	-6.546816	10.300482
O	0.490769	-6.268576	12.097935
Ti	0.527071	-6.118695	14.007434
Ti	-2.121550	-9.304295	10.226308
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O	-1.047879	-10.436073	14.331258
O	-2.682262	-9.343284	12.073890
Ti	-2.285891	-8.882698	13.856897
O	-0.585962	-8.102703	9.948581
Ti	4.014811	-11.269213	13.719934
O	3.850137	-12.128959	12.053794
Ti	4.303942	-10.631879	10.883115
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O	2.174527	-10.756267	14.298524
O	1.896864	-7.865742	14.378989
Ti	0.705062	-9.452707	13.884394
O	0.970457	-9.818413	12.073234
O	2.072851	-8.169203	10.173065
Ti	0.897134	-9.884313	10.182186
O	-0.869986	-10.734582	10.179014
O	2.387871	-5.511764	9.877353
O	2.236890	-5.160431	14.149108
Ti	6.342998	-9.263355	13.771444
O	7.079143	-8.630647	12.103868
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Ti	7.026684	-9.266388	10.301659
O	6.147683	-10.944750	10.396818
O	5.912395	-11.109837	14.077355
O	5.133806	-8.002876	14.598378
Ti	3.616593	-6.797892	14.080704
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O	5.074555	-8.611388	10.004045
Ti	3.778066	-7.161040	10.382313
Ti	-0.880845	3.334803	16.527146
O	-1.312818	2.820488	18.297049

O	-3.012026	3.024894	20.566874
Ti	-1.207391	3.326167	20.088804
O	-0.194263	4.935373	20.195095
O	-0.170156	5.083811	16.562438
O	0.514341	2.070209	16.118433
Ti	1.992089	0.878946	16.778953
O	2.003363	1.113636	18.626837
O	0.092984	2.187768	20.870506
Ti	1.767370	1.144569	20.497716
O	3.221851	-0.458722	20.958074
O	3.346647	-0.751984	16.689820
Ti	1.739195	5.260417	16.835480
O	1.878129	6.372273	18.391725
Ti	1.614614	4.934286	19.635478
O	1.720792	3.755525	18.164175
O	2.995012	4.668316	20.941279
O	3.626446	4.901631	16.263330
O	3.722306	1.921667	16.323445
Ti	4.970309	3.480826	16.742430
O	4.735819	3.703195	18.594543
O	3.464882	2.192973	20.966880
Ti	4.874154	3.800412	20.469035
O	6.623151	4.645312	20.410776
O	6.253635	2.012493	20.664436
O	6.394234	1.797058	16.820685
O	6.731294	4.401604	16.239831
O	8.374071	3.288414	18.501924
Ti	7.971427	2.841587	16.712933
Ti	7.842276	3.182881	20.344339
Ti	4.924688	0.470119	20.532971
O	5.030955	0.412705	18.695485
Ti	5.088829	0.161339	16.792685
O	-2.689700	3.044499	15.761344
O	6.372552	-1.225278	16.327198
Ti	7.711493	-2.592185	16.841211
O	7.519181	-2.277613	18.637174
O	6.158717	-0.990571	20.987953
Ti	7.562611	-2.284632	20.552397
O	8.969857	-3.995615	20.972799
O	9.065712	-4.305005	16.684533
O	9.408213	1.935415	20.785295
O	9.478779	1.647005	16.185321
O	9.407373	-1.488566	16.312942
Ti	10.696691	0.121337	16.572073
O	10.330234	0.323339	18.368160
O	9.297674	-1.198643	20.560186
Ti	10.520326	0.403370	20.241053
O	12.400512	1.126762	19.977818
O	11.939730	-1.441111	20.494937
O	11.966707	-1.639881	16.750302
O	12.552378	0.855515	15.970498
O	14.207788	-0.365183	18.111375

Ti	13.641439	-0.789732	16.402355
O	14.344089	-2.594870	15.742925
Ti	13.501349	-0.340825	19.954611
O	14.963231	-1.782744	20.256804
Ti	15.042788	-3.673828	19.642870
Ti	14.231828	-4.171812	16.917952
O	14.768531	-5.535427	20.370122
Ti	12.772058	-5.909627	20.147862
O	12.103974	-6.467075	18.452934
O	14.301639	-6.022875	16.502227
Ti	12.476461	-6.621688	16.593215
O	13.356079	-3.954511	18.736596
O	11.769682	-4.441784	20.903872
Ti	10.576579	-2.935790	20.428390
O	15.861549	-3.797517	17.986538
O	10.445179	-3.120693	18.601081
O	12.121570	-4.566632	16.283460
Ti	10.730319	-3.256488	16.741140
Ti	-3.766253	1.320468	16.205677
O	-3.944253	1.534226	18.081174
O	-5.493497	0.770644	20.531427
Ti	-3.765992	1.375002	19.975777
O	-2.461458	-0.060063	16.046547
Ti	-1.102474	-1.564129	16.648079
O	-1.392512	-1.222660	18.440443
O	-2.576014	0.084176	20.739537
Ti	-1.171351	-1.303348	20.358807
O	0.315992	-3.024140	20.849879
O	0.317667	-3.242705	16.683186
O	0.681374	-0.654916	16.336305
O	0.593751	-0.495749	20.302606
Ti	2.060322	-2.083469	20.481843
O	2.216997	-2.318834	18.646919
Ti	2.097318	-2.388806	16.739869
Ti	-8.346996	-3.822156	16.876854
Ti	-7.963292	-3.635480	19.652985
O	-7.905225	-1.967051	16.528852
Ti	-6.131234	-1.330171	16.437038
O	-5.604562	-0.919974	18.211558
O	-7.730607	-1.829220	20.134588
Ti	-6.033811	-0.958906	20.015571
O	-6.859743	-4.051545	18.159361
O	-5.564864	0.445401	15.696558
O	-5.006184	-2.838911	16.038088
Ti	-3.826760	-4.374703	16.658484
O	-9.449517	-3.748440	18.435859
O	-3.903308	-4.040499	18.461293
O	-5.049764	-2.370468	20.820168
Ti	-3.931028	-3.957866	20.356368
Ti	-6.713336	-6.965868	16.671376
O	-8.304312	-5.681910	16.140592
O	-5.162984	-5.588877	20.258081

O	-5.522212	-8.241905	20.622268
O	-7.330680	-7.040660	18.525666
Ti	-6.718140	-6.674793	20.246831
O	-7.813888	-5.028727	20.957536
O	-5.180565	-5.819193	16.261921
O	-2.573945	-9.305368	16.002377
O	-2.373435	-8.711610	20.608405
O	-2.571471	-5.692206	20.759670
Ti	-3.700530	-7.298450	20.258978
O	-3.570111	-7.466659	18.438025
O	-2.520777	-6.034119	16.490625
Ti	-3.677059	-7.768624	16.550075
O	-5.552788	-8.426836	16.645480
O	-2.209887	-3.247949	16.221710
O	-2.225044	-2.996335	20.368557
O	0.480858	-5.978036	20.934756
Ti	-0.845751	-4.635350	20.379925
O	-0.736054	-4.897214	18.548363
O	0.395686	-6.429126	16.132263
Ti	-0.798135	-4.952820	16.649435
O	3.461949	-3.746222	16.286205
Ti	4.760452	-5.131264	16.858705
O	4.674377	-4.857454	18.667265
O	3.345572	-3.459628	21.039343
Ti	4.676831	-4.828232	20.600666
O	6.090652	-6.554555	20.966472
O	6.206912	-6.790575	16.777262
O	6.556028	-4.245029	16.444436
O	6.464638	-3.971671	20.561913
O	12.270506	-7.752319	20.989578
Ti	10.471813	-8.627473	20.782068
O	10.876735	-9.168213	19.008634
O	12.158747	-8.477452	16.349567
Ti	10.567443	-9.024099	17.196983
O	9.369618	-10.322800	20.879784
O	9.206403	-7.195269	21.005668
Ti	7.847864	-5.660917	20.630044
O	8.136712	-5.963139	18.807369
O	9.338222	-7.513395	16.695933
Ti	7.978283	-5.977578	16.938761
Ti	1.788016	-7.720883	16.726956
O	1.659754	-7.374286	18.513020
Ti	1.712342	-7.395913	20.442742
Ti	-0.948448	-10.513091	16.452925
O	0.460296	-9.032347	20.002672
O	0.177103	-11.679373	20.458361
O	-1.545960	-10.597247	18.278939
Ti	-1.091064	-10.126354	20.043188
O	0.534707	-9.264803	16.249058
Ti	5.064511	-12.595192	19.814928
O	4.904676	-13.422012	18.162579
Ti	5.455843	-11.914325	17.001183

O	5.622231	-10.975818	18.817842
O	3.886981	-11.962429	15.785078
O	3.333182	-11.957781	20.473286
O	3.047542	-9.098561	20.787261
Ti	1.898648	-10.629429	20.104838
O	2.202399	-10.956469	18.286966
O	3.169153	-9.304279	16.495529
Ti	2.095547	-11.075654	16.400897
O	0.342039	-11.919396	16.351385
O	3.475323	-6.651345	16.337009
O	3.399595	-6.412598	20.620456
Ti	7.460817	-10.581831	20.046765
O	8.151181	-9.995081	18.327828
O	9.906803	-10.447708	16.172653
Ti	8.008288	-10.478153	16.468634
O	7.262727	-12.250291	16.531775
O	6.948521	-12.535507	20.459000
O	6.200437	-9.369886	20.900526
Ti	4.772103	-8.058452	20.489714
O	4.785980	-8.082946	18.634344
O	6.017096	-9.896835	16.363821
Ti	4.907129	-8.348111	16.758574
Ti	0.085787	1.873909	23.132508
O	0.275681	1.272245	24.947017
O	-1.158030	0.920245	27.427464
Ti	0.560510	1.381074	26.783923
O	1.601113	2.992355	26.693893
O	1.026465	3.536601	22.860217
O	1.460260	0.607405	22.575041
Ti	3.150760	-0.232757	23.320645
O	3.216581	-0.517773	25.242519
O	1.900639	0.423976	27.702434
Ti	3.293531	-0.679308	27.061197
O	4.631027	-2.231637	27.537386
O	4.452405	-1.929567	23.113677
Ti	2.926391	3.555697	22.874513
O	3.146499	4.521795	24.510335
Ti	3.185104	3.049360	25.698064
O	3.186101	1.862682	24.107652
O	4.662738	2.864109	26.812437
O	4.997211	3.662478	22.568304
O	5.026114	0.628093	22.809766
Ti	6.256001	2.250038	23.052369
O	6.428909	2.221540	24.887283
O	5.134926	0.266771	27.363640
Ti	6.265426	1.778965	26.737486
O	7.974905	2.404544	27.391848
O	7.623828	0.056429	26.352946
O	7.616433	0.420088	23.016394
O	8.020243	3.114204	22.477790
O	9.624222	1.835370	24.719130
Ti	9.161199	1.488982	22.908472

Ti	9.134320	1.207912	26.425969
Ti	6.306406	-1.444377	26.839002
O	6.245657	-1.736842	25.022539
Ti	6.282303	-1.178170	23.193674
O	-1.764543	1.540553	22.934620
O	7.716352	-2.433425	22.707952
Ti	8.973361	-3.879871	23.279383
O	8.734955	-3.533511	25.132828
O	7.658229	-2.313635	27.819865
Ti	8.830602	-3.531406	27.003580
O	10.093531	-5.143521	27.624015
O	10.300204	-5.555934	22.980638
O	10.634942	0.308129	27.108333
O	10.745903	0.386471	22.438315
O	10.644193	-2.733600	22.725921
Ti	11.931410	-1.121526	22.803439
O	11.808384	-1.001649	24.669376
O	10.624983	-2.553000	27.233641
Ti	11.813460	-1.104870	26.555298
O	13.716272	-0.539812	26.729345
O	13.095943	-2.981652	26.521977
O	13.194052	-2.858627	22.763252
O	13.757242	-0.346259	22.059936
O	15.315976	-1.510432	24.144989
Ti	14.850963	-2.005179	22.388097
O	15.764713	-3.641112	21.705099
Ti	14.606527	-1.961880	25.868366
O	15.885708	-3.303058	26.253192
Ti	15.587965	-4.924066	25.297906
Ti	15.278741	-5.482945	22.469126
O	15.386180	-6.475844	26.329190
Ti	13.637472	-7.211052	26.384860
O	13.116897	-7.558491	24.618612
O	15.329877	-7.417249	22.473106
Ti	13.541778	-7.941410	22.741335
O	14.074554	-4.697937	24.182368
O	12.800658	-5.807670	27.304590
Ti	11.709802	-4.387581	26.766473
O	16.669868	-5.292285	23.837497
O	11.352790	-4.474329	24.972835
O	13.151885	-5.938793	22.335025
Ti	12.031870	-4.496744	23.169118
Ti	-2.489137	-0.224816	23.089597
O	-2.244773	-0.509488	24.993412
O	-3.780755	-1.350202	27.409497
Ti	-2.076331	-0.660772	26.836970
O	-1.143549	-1.536613	22.570445
Ti	0.224564	-2.922260	23.131990
O	0.266074	-2.957863	25.035888
O	-0.887501	-1.942587	27.482283
Ti	0.402299	-3.187268	26.876405
O	1.789182	-4.869661	27.229651

O	1.624561	-4.623063	23.135636
O	1.921381	-1.921845	22.858715
O	2.066701	-2.268677	27.416593
Ti	3.466016	-3.824055	26.986992
O	3.562559	-3.811979	25.153291
Ti	3.366577	-3.645002	23.240144
Ti	-7.051964	-5.216757	23.081195
Ti	-6.558808	-5.411542	25.852023
O	-6.700222	-3.361245	22.795971
Ti	-4.965883	-2.596969	23.051371
O	-4.583079	-2.662168	24.924442
O	-6.229520	-3.881846	26.851970
Ti	-4.529773	-2.947216	26.752730
O	-5.487458	-5.572173	24.265523
O	-4.267376	-0.820171	22.859569
O	-3.824505	-4.080060	22.489120
Ti	-2.658474	-5.583584	23.119604
O	-8.076849	-5.266426	24.681284
O	-2.297867	-4.906657	24.868488
O	-3.541222	-4.352385	27.522475
Ti	-2.354009	-5.485102	26.624388
Ti	-5.398151	-8.341795	22.736461
O	-7.029224	-7.070097	22.292568
O	-3.518463	-7.008102	25.998074
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O	-5.856319	-8.730023	24.549252
Ti	-5.019014	-8.149556	26.110062
O	-6.353373	-6.999485	26.837238
O	-3.920811	-7.097638	22.601573
O	-1.366082	-10.615404	22.123264
O	-0.667808	-10.036824	26.865787
O	-1.258570	-7.251305	27.247327
Ti	-2.126001	-8.844711	26.486005
O	-2.080372	-9.045105	24.637887
O	-1.370195	-7.233708	22.919013
Ti	-2.378891	-9.047155	22.761104
O	-4.184227	-9.773724	22.629548
O	-0.956128	-4.543488	22.657918
O	-0.693447	-4.776838	27.439419
O	1.703033	-7.841549	27.424616
Ti	0.579312	-6.405543	26.865323
O	0.430934	-6.424112	25.027457
O	1.459011	-7.844510	22.550167
Ti	0.424636	-6.249713	23.104938
O	4.746863	-4.996142	22.757936
Ti	5.951823	-6.485354	23.318307
O	5.953148	-5.963578	25.150991
O	4.690058	-4.964050	27.846155
Ti	5.941883	-6.068783	27.009372
O	7.325033	-7.667542	27.459756
O	7.430163	-8.075767	23.082357
O	7.724089	-5.475176	22.874285

O	7.637254	-5.111086	27.343175
O	13.187985	-8.708876	27.462574
Ti	11.499349	-9.497774	27.117444
O	12.007903	-10.206312	25.432366
O	13.290896	-9.793218	22.750685
Ti	11.668895	-10.214898	23.612387
O	10.359196	-10.994099	27.424466
O	10.317400	-8.101001	27.417121
Ti	9.021107	-6.748342	26.971454
O	9.162366	-6.949508	25.146564
O	10.514431	-8.719838	22.968732
Ti	9.170193	-7.200517	23.234859
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O	3.235366	-7.620208	24.758753
Ti	3.164596	-8.402263	26.412541
Ti	0.288029	-11.783107	22.561966
O	2.160042	-9.905263	25.170557
O	1.775731	-12.023320	26.923774
O	-0.162515	-11.789642	24.429428
Ti	0.637527	-10.920110	25.864978
O	1.750820	-10.529410	22.478050
Ti	6.405802	-13.038877	25.486489
O	6.457321	-14.239465	24.072267
Ti	6.737308	-12.971661	22.606917
O	6.310754	-11.575576	24.266942
O	4.925857	-13.297912	21.841574
O	4.998966	-12.949330	26.737462
O	4.300708	-10.153666	26.823124
Ti	3.531334	-11.845673	26.223647
O	3.404765	-12.528272	24.479910
O	4.274215	-10.544565	22.947196
Ti	3.258995	-12.340810	22.595100
O	1.521053	-13.216519	22.477442
O	4.683649	-8.000407	22.725786
O	4.739262	-7.686960	27.379628
Ti	8.928702	-11.321774	26.231742
O	9.466027	-10.930688	24.432396
O	11.299894	-11.714476	22.522934
Ti	9.419920	-11.643341	22.539878
O	8.661433	-13.333355	22.512908
O	8.138944	-13.025287	26.243441
O	7.508629	-10.383705	27.053192
Ti	6.140764	-9.139224	26.748318
O	6.047648	-8.945267	24.950026
O	7.496775	-10.926432	22.304678
Ti	6.102591	-9.704592	23.113446

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Ti	-4.449758	6.516340	-1.911315
O	-4.980134	6.105822	-0.118819
O	-6.814692	6.944540	1.772287
Ti	-4.932295	6.835884	1.764818

O	-4.209253	8.551321	1.717925
O	-3.674656	8.220334	-1.976623
O	-3.015844	5.561246	-2.686954
Ti	-1.672795	4.287709	-2.388066
O	-1.568300	4.007743	-0.592381
O	-2.989829	6.171243	2.014894
Ti	-1.660623	4.905906	1.213324
O	-0.252559	3.205925	1.576275
O	-0.271475	2.851221	-3.082680
Ti	-1.932237	8.201178	-1.229542
O	-1.987878	9.425313	0.155339
Ti	-2.299600	8.189032	1.651943
O	-1.852532	6.744483	-0.005429
O	-0.444012	8.565452	2.334245
O	-0.532402	8.100950	-2.497341
O	0.156716	5.302651	-2.497210
Ti	0.934726	7.010836	-1.975037
O	1.080541	7.728075	-0.249464
O	0.175969	5.746642	1.322751
Ti	1.215957	7.540950	1.630390
O	2.963238	8.405380	1.759720
O	2.709662	5.718090	1.775867
O	2.304941	5.061270	-0.887005
O	2.695766	7.158644	-2.671670
O	4.635110	6.945974	-0.168800
Ti	3.825668	6.065117	-1.592140
Ti	4.182278	6.962471	1.699287
Ti	1.517477	4.145221	1.007506
O	1.224378	2.774678	-0.446993
Ti	1.301185	3.548335	-2.105405
O	-5.874721	6.187255	-3.114529
O	2.766383	3.013483	-3.134167
Ti	3.907110	1.582313	-2.609864
O	4.065732	1.603848	-0.774830
O	3.018824	3.038547	1.709190
Ti	4.037160	1.441161	1.151402
O	5.425348	-0.266731	1.587434
O	5.181200	-0.044247	-3.191615
O	5.836910	5.792908	2.149305
O	5.145209	5.187353	-2.586490
O	5.753290	2.423070	-2.990115
Ti	6.614736	4.012455	-2.211952
O	6.584364	4.223552	-0.363405
O	5.846648	2.412292	1.345267
Ti	6.851658	4.225719	1.517574
O	8.661449	4.950141	1.663554
O	8.396974	2.273662	1.687431
O	7.997151	2.178946	-1.701553
O	8.413710	4.564094	-2.736449
O	10.338468	3.900417	-0.255087
Ti	9.499736	3.317173	-1.816356
O	10.836272	2.167854	-2.542941

Ti	9.871250	3.516816	1.556735
O	11.500431	2.239622	2.009901
Ti	11.520820	0.384645	1.217967
Ti	11.035851	0.581557	-1.556110
O	11.180251	-1.473367	1.484000
Ti	9.439787	-2.224234	1.214312
O	9.058976	-2.154331	-0.662301
O	10.716813	-0.940755	-2.568389
Ti	9.009498	-1.868217	-2.489325
O	9.960317	0.744079	0.028399
O	8.307176	-0.732768	1.777070
Ti	7.134731	0.766628	1.136741
O	12.551200	0.439333	-0.381160
O	6.781819	0.067993	-0.609228
O	8.034639	-0.456349	-3.264858
Ti	6.835807	0.658560	-2.360314
Ti	-6.992848	4.686672	-2.794308
O	-7.509484	5.390128	-1.104906
O	-8.847629	5.091946	1.656232
Ti	-7.233739	5.432088	0.731459
O	-5.812134	3.293170	-3.132135
Ti	-4.563749	1.914737	-2.648660
O	-4.752353	2.113433	-0.824462
O	-6.090275	3.943311	1.394777
Ti	-4.756905	2.424764	1.092363
O	-3.310807	0.680517	1.378384
O	-3.172002	0.317863	-3.184244
O	-2.870797	2.851812	-3.117036
O	-3.025285	3.299991	1.227138
Ti	-1.545251	1.713756	0.918125
O	-1.522094	1.114490	-0.902151
Ti	-1.480713	1.232855	-2.754669
Ti	-10.985898	0.134127	-0.960990
Ti	-10.709797	0.719764	1.886272
O	-10.852281	1.691407	-1.992565
Ti	-9.115718	2.464387	-1.925902
O	-8.674447	2.906825	-0.173657
O	-10.846611	2.646447	1.944118
Ti	-9.073392	3.238752	1.726484
O	-9.451921	-0.043858	0.166968
O	-8.676800	3.871043	-3.121166
O	-8.132816	0.992066	-2.521083
Ti	-7.081191	-0.523351	-2.161660
O	-12.069184	0.493934	0.491683
O	-6.423978	-0.639807	-0.411524
O	-8.583065	1.228651	2.001569
Ti	-7.553317	-0.331523	1.246987
Ti	-10.091595	-2.880982	-1.448245
O	-11.308171	-1.502666	-1.883324
O	-8.724029	-1.989981	1.483971
O	-9.276884	-4.473117	2.334706
O	-10.866830	-3.354938	0.234241

Ti	-10.353590	-2.834285	1.981910
O	-11.194764	-1.136214	2.622359
O	-8.529291	-1.830636	-1.921426
O	-6.169748	-5.185509	-2.792321
O	-6.268138	-5.255491	1.910617
O	-6.175794	-2.137582	1.658402
Ti	-7.442606	-3.728028	1.567992
O	-7.333749	-3.952661	-0.300794
O	-6.082293	-2.328326	-2.812957
Ti	-7.296879	-3.762399	-2.175413
O	-9.219134	-4.231662	-2.428249
O	-5.623181	0.265867	-3.222366
O	-5.884471	0.816494	1.436191
O	-3.296914	-2.399508	1.514853
Ti	-4.580451	-0.917400	0.934076
O	-3.993674	-1.286599	-0.894853
O	-3.145234	-2.528998	-3.623364
Ti	-4.252764	-1.312907	-2.720041
O	-0.215564	0.145267	-3.606261
Ti	1.011207	-0.998566	-2.767082
O	0.912478	-1.015464	-0.934733
O	-0.307298	0.211949	1.451676
Ti	1.072862	-1.137973	0.984487
O	2.539599	-2.878509	1.357551
O	2.413947	-2.545971	-3.212643
O	2.694188	0.053302	-2.987437
O	2.839809	-0.185325	1.088245
O	8.740075	-4.001135	1.377494
Ti	6.962259	-4.590236	1.125965
O	6.723933	-4.310025	-0.778282
O	8.263365	-3.457077	-3.168706
Ti	6.551921	-4.152746	-2.620782
O	6.237719	-6.359555	1.260841
O	5.618102	-3.276665	1.644757
Ti	4.241142	-1.880394	1.088846
O	4.214029	-1.867457	-0.813360
O	5.366129	-2.872586	-3.269501
Ti	4.072850	-1.632710	-2.652360
Ti	-1.807784	-3.412554	-2.636838
O	-1.729039	-3.163435	-0.812000
Ti	-1.840770	-3.618231	1.035945
Ti	-4.646066	-6.071668	-2.137988
O	-3.134814	-5.246185	1.265154
O	-3.521270	-7.946473	1.788183
O	-5.119933	-6.667613	-0.416138
Ti	-4.676763	-6.313291	1.404081
O	-3.143805	-4.902099	-2.147427
Ti	1.568903	-8.351137	1.339814
O	1.336672	-9.328409	-0.294593
Ti	1.293840	-7.860866	-1.483543
O	1.287059	-6.667925	0.100190
O	-0.185395	-7.699731	-2.599614

O	-0.500679	-8.496822	1.657461
O	-0.556521	-5.442155	1.405489
Ti	-1.769488	-7.077958	1.186300
O	-1.941783	-7.044654	-0.647746
O	-0.643152	-5.114704	-3.157579
Ti	-1.789224	-6.618338	-2.503895
O	-3.502980	-7.277163	-3.113180
O	-0.144538	-2.599065	-3.335260
O	0.003909	-2.866774	1.120064
Ti	4.384831	-6.662125	1.039576
O	4.199019	-6.041225	-0.765812
O	5.642741	-5.733157	-3.232465
Ti	3.917781	-6.181694	-2.599846
O	2.877261	-7.792476	-2.483142
O	3.473604	-8.334737	1.310334
O	3.011389	-5.401761	1.606876
Ti	1.303709	-4.559220	0.877656
O	1.278428	-4.295959	-1.045906
O	2.578204	-5.237390	-3.534114
Ti	1.190632	-4.143142	-2.866559
Ti	-3.001334	5.823158	4.395148
O	-3.640826	5.313094	6.161738
O	-5.027915	5.785059	8.350046
Ti	-3.124321	5.838947	8.277675
O	-2.485360	7.642495	7.861045
O	-2.506061	7.807575	3.794951
O	-1.822761	4.555445	3.443281
Ti	-0.368399	3.269576	3.791044
O	-0.259458	3.192842	5.630082
O	-1.287008	5.203069	7.584831
Ti	-0.380002	3.513312	7.514945
O	1.082725	1.795527	7.892167
O	1.038832	1.617546	3.602687
Ti	-0.599941	7.907592	4.311283
O	-0.352125	8.764514	5.933297
Ti	-0.828515	7.248368	7.099394
O	-1.101051	6.275475	5.320526
O	0.675599	7.271003	8.392137
O	1.134676	7.168960	3.731299
O	1.387619	4.286362	3.463116
Ti	2.536316	5.821512	4.134663
O	2.237501	6.155407	5.955181
O	1.388652	4.450090	7.785544
Ti	2.440435	6.236546	7.829382
O	4.177969	7.090900	7.892982
O	3.985841	4.435966	7.996760
O	3.973192	4.224781	4.256399
O	4.280916	6.858629	3.802447
O	6.034094	5.755044	5.981675
Ti	5.534377	5.298867	4.223174
Ti	5.464598	5.673044	7.815373
Ti	2.753303	2.874990	7.516580

O	2.864889	2.512927	5.731890
Ti	2.720537	2.578301	3.810240
O	-4.857434	5.569889	3.440179
O	3.965717	1.154998	3.317541
Ti	5.300419	-0.173471	3.856054
O	5.227601	0.066103	5.693699
O	4.197885	1.627827	8.105700
Ti	5.322187	0.088913	7.585322
O	6.742917	-1.620137	8.005966
O	6.686520	-1.815559	3.878133
O	7.085440	4.486365	8.295740
O	6.822351	3.877697	3.666218
O	7.046272	0.867715	3.509084
Ti	8.156753	2.479615	4.028296
O	8.034281	2.643188	5.852674
O	7.053664	1.153403	7.778591
Ti	8.164817	2.916816	7.743401
O	10.040798	3.566760	7.651046
O	9.675580	0.970076	8.047141
O	9.625177	0.768935	4.048174
O	9.989310	3.419201	3.675636
O	11.817536	2.193245	5.773382
Ti	11.177576	1.853246	4.051142
O	12.271200	0.197290	3.350933
Ti	11.208686	2.107763	7.626647
O	12.792606	0.818052	8.197442
Ti	12.816418	-1.040951	7.456237
Ti	12.433572	-1.173873	4.673368
O	12.431325	-2.915148	7.761387
Ti	10.640577	-3.521996	7.850868
O	10.081417	-3.905400	6.078432
O	12.207216	-2.971716	4.175240
Ti	10.507614	-3.842320	4.271397
O	11.330350	-0.782653	6.179931
O	9.575085	-1.977138	8.281702
Ti	8.369088	-0.501328	7.607617
O	13.919519	-1.073951	5.893973
O	8.426893	-0.846333	5.804341
O	9.517356	-2.454926	3.440671
Ti	8.392677	-0.863420	3.908277
Ti	-5.983780	3.868003	3.591430
O	-6.226230	4.500526	5.330988
O	-7.121050	3.692827	7.863853
Ti	-5.512371	4.440921	7.069397
O	-4.730949	2.424569	3.341884
Ti	-3.421001	0.839943	3.620483
O	-3.682850	1.010019	5.467961
O	-4.494082	2.771325	7.605948
Ti	-3.393420	1.098786	7.320314
O	-1.978772	-0.650572	7.736188
O	-2.008440	-0.842553	3.647352
O	-1.662979	1.744900	3.288966

O	-1.622276	1.910845	7.453927
Ti	-0.193510	0.274815	7.326333
O	-0.156093	-0.031959	5.523902
Ti	-0.234143	0.039247	3.600418
Ti	-10.485254	-1.075855	4.680530
Ti	-9.606914	-0.511948	7.367393
O	-10.209667	0.790195	3.955380
Ti	-8.198317	1.105872	4.196678
O	-7.347276	1.595532	5.822966
O	-9.501137	1.336221	7.835669
Ti	-7.656835	1.897308	7.675468
O	-8.764031	-0.778549	5.552967
O	-7.804830	3.019871	3.440686
O	-7.351380	-0.462856	3.406629
Ti	-6.071703	-1.915676	3.937050
O	-11.294467	-0.778959	6.294729
O	-5.931749	-1.685038	5.760670
O	-7.481015	-0.239324	8.134510
Ti	-6.144341	-1.585817	7.639028
Ti	-8.997646	-4.482225	4.462525
O	-10.423972	-2.990822	4.121181
O	-7.320029	-3.216607	7.634059
O	-8.032918	-5.637812	8.482783
O	-9.611926	-4.480723	6.300719
Ti	-9.079095	-3.885638	8.009572
O	-9.877862	-2.179857	8.258437
O	-7.438824	-3.400881	3.878201
O	-4.883209	-6.771252	3.527320
O	-4.930564	-6.559872	8.103132
O	-4.819836	-3.405042	8.028619
Ti	-6.148074	-5.001716	7.791196
O	-5.820501	-5.219431	5.985190
O	-4.812248	-3.647218	3.772278
Ti	-6.025664	-5.256781	4.109443
O	-7.900425	-5.964165	4.368058
O	-4.521799	-0.841287	3.262079
O	-4.480881	-0.571246	7.687232
O	-1.801046	-3.697857	7.857518
Ti	-3.142597	-2.312746	7.391837
O	-3.047349	-2.577883	5.585743
O	-1.666091	-3.809054	3.237214
Ti	-3.092298	-2.523669	3.658871
O	1.128029	-1.324398	3.169285
Ti	2.399631	-2.715046	3.695212
O	2.257983	-2.577431	5.542387
O	1.145991	-1.100184	7.863326
Ti	2.449782	-2.519339	7.431029
O	3.867713	-4.252638	7.823955
O	3.883844	-4.310191	3.910094
O	4.160557	-1.792832	3.368390
O	4.228612	-1.645291	7.500218
O	10.076083	-5.308548	8.562789

Ti	8.286006	-6.184932	7.985233
O	8.463955	-6.393579	6.110231
O	9.998020	-5.564519	3.712752
Ti	8.263295	-6.194885	4.219181
O	7.194980	-7.957728	8.322632
O	7.003374	-4.794190	8.155961
Ti	5.641854	-3.306725	7.540295
O	5.937732	-3.653078	5.753619
O	7.058675	-4.913214	3.461022
Ti	5.651331	-3.516495	3.845630
Ti	-0.444985	-5.280243	3.660760
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Ti	-0.535902	-5.096140	7.400318
Ti	-3.327478	-8.031685	3.914502
O	-1.820606	-6.752668	7.388756
O	-2.156500	-9.346752	7.969961
O	-3.855471	-8.195815	5.756306
Ti	-3.419913	-7.759961	7.535330
O	-1.740827	-6.855373	3.586450
Ti	2.860817	-10.210125	7.415422
O	2.666295	-11.215403	5.801516
Ti	2.930384	-9.721456	4.612871
O	2.966865	-8.622594	6.180283
O	1.570626	-9.433792	3.296251
O	0.975825	-9.847859	7.966583
O	0.849457	-6.870730	7.855050
Ti	-0.402136	-8.440289	7.467875
O	-0.128245	-8.657896	5.621321
O	1.026714	-7.002443	3.215226
Ti	-0.352390	-8.615571	3.751651
O	-2.091091	-9.480036	3.830447
O	1.259883	-4.356378	3.245800
O	1.212474	-4.179284	7.511078
Ti	5.362493	-8.245867	7.556061
O	5.859599	-7.685220	5.822216
O	7.545077	-7.838137	3.562365
Ti	5.732282	-8.139332	4.015507
O	4.708614	-9.748394	3.969055
O	4.786392	-10.058015	7.642373
O	4.063316	-6.945713	8.084468
Ti	2.558217	-5.798580	7.392454
O	2.518334	-6.057043	5.545579
O	4.403198	-6.989965	3.307259
Ti	2.727929	-5.941755	3.679092
Ti	-1.706131	4.252981	10.840735
O	-2.416789	3.792504	12.542217
O	-3.897940	4.622535	14.498299
Ti	-1.989890	4.588850	14.587889
O	-1.352780	6.351191	14.030132
O	-1.581688	6.124196	9.982875
O	-0.637846	3.126038	9.651637
Ti	0.916270	1.926161	10.129716

O	0.827163	1.845291	11.960321
O	-0.158722	3.958884	13.861801
Ti	0.669129	2.227682	13.825993
O	2.127190	0.554540	14.233567
O	2.322829	0.306958	10.019411
Ti	0.352050	6.504730	10.315436
O	0.561787	7.419797	11.937735
Ti	0.314437	5.976979	13.253431
O	0.152318	4.870876	11.516300
O	1.712185	5.988888	14.666978
O	2.250776	5.910569	9.906738
O	2.619586	3.018283	9.888953
Ti	3.732046	4.660092	10.397364
O	3.391086	5.026064	12.202799
O	2.448888	3.214548	14.007985
Ti	3.494625	4.978639	14.100208
O	5.215891	5.867274	14.169806
O	5.046073	3.225264	14.298098
O	5.182819	3.008072	10.481662
O	5.500482	5.618588	9.948531
O	7.102677	4.567823	12.210870
Ti	6.745854	4.068916	10.422906
Ti	6.533060	4.472981	14.051090
Ti	3.804290	1.636876	13.879370
O	4.135206	1.318687	12.106899
Ti	4.008605	1.285922	10.207077
O	-3.258988	4.141619	9.575380
O	5.207179	-0.198778	9.737559
Ti	6.564430	-1.501444	10.301496
O	6.455492	-1.216332	12.117662
O	5.199996	0.353235	14.496493
Ti	6.540897	-1.005117	14.027160
O	7.925361	-2.714284	14.546518
O	7.988496	-3.147255	10.208700
O	8.175098	3.355908	14.527061
O	8.165332	2.769813	9.887209
O	8.253773	-0.324966	9.963272
Ti	9.462528	1.316731	10.300487
O	9.220468	1.666316	12.092019
O	8.227928	0.120530	14.083656
Ti	9.359468	1.855174	13.977264
O	11.260923	2.531199	13.818254
O	10.809090	-0.036401	14.251989
O	10.806601	-0.372349	10.592663
O	11.321518	2.125122	9.770105
O	13.061890	1.003170	11.972647
Ti	12.455514	0.547785	10.278560
O	13.237208	-1.250450	9.631045
Ti	12.380819	1.056537	13.817259
O	13.779835	-0.424642	14.229651
Ti	13.724841	-2.307227	13.564783
Ti	13.085438	-2.841432	10.799257

O	13.512165	-4.272651	14.169586
Ti	11.541967	-4.659123	13.954334
O	10.837834	-5.135610	12.253190
O	13.126271	-4.719468	10.419162
Ti	11.309375	-5.362986	10.414495
O	12.111801	-2.505041	12.516767
O	10.917722	-2.939655	14.713527
Ti	9.538392	-1.586886	14.079650
O	14.652093	-2.489437	11.953273
O	9.299573	-2.103476	12.312126
O	11.017027	-3.317273	10.026005
Ti	9.576258	-2.000022	10.468963
Ti	-4.593229	2.595386	9.728716
O	-4.936696	3.250166	11.459089
O	-6.095556	2.647964	14.059919
Ti	-4.426239	3.232194	13.284038
O	-3.448277	1.061476	9.586409
Ti	-2.116329	-0.487536	9.975729
O	-2.467159	-0.182512	11.782533
O	-3.588902	1.482169	13.904210
Ti	-2.428630	-0.174114	13.665195
O	-1.016453	-1.870579	14.091756
O	-0.696494	-2.170834	9.919307
O	-0.355698	0.394254	9.657552
O	-0.634092	0.679445	13.831346
Ti	0.774318	-0.955262	13.723110
O	1.050428	-1.289324	11.939932
Ti	1.076724	-1.320179	10.022618
Ti	-8.637297	-2.456733	11.316855
Ti	-8.283030	-1.706491	14.150491
O	-8.587189	-0.744145	10.543761
Ti	-6.841870	-0.014591	10.328757
O	-6.241553	0.484503	12.030880
O	-8.340396	0.210956	14.177862
Ti	-6.536280	0.823637	13.917308
O	-7.033266	-2.601448	12.371906
O	-6.391274	1.681059	9.393190
O	-5.894408	-1.667438	9.887995
Ti	-4.761360	-3.280569	10.253696
O	-9.663001	-2.095145	12.834596
O	-4.020435	-3.272627	12.008791
O	-6.169475	-1.253781	14.219269
Ti	-5.262054	-2.936121	13.548554
Ti	-7.783634	-5.761046	10.524510
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O	-6.302257	-4.703792	13.431269
O	-6.926574	-7.064990	14.470834
O	-8.647725	-5.821721	12.292550
Ti	-7.993283	-5.409737	14.004733
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O	-6.163264	-4.661166	10.121072
O	-3.666758	-8.237870	9.634479

O	-3.810411	-7.878643	14.295543
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Ti	-5.035811	-6.363086	13.860456
O	-4.537799	-6.706412	12.100178
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O	-3.183860	-2.191514	9.659873
O	-3.591326	-1.772311	13.889470
O	-0.967326	-4.901294	14.227348
Ti	-2.266358	-3.468396	13.533922
O	-1.358404	-3.806603	11.908173
O	-0.604394	-5.391188	9.533722
Ti	-1.764297	-3.894415	10.078317
O	2.411087	-2.715617	9.607780
Ti	3.716508	-4.072405	10.181679
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O	5.355243	-2.673576	14.031868
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Ti	9.287461	-7.397814	14.404521
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O	8.114696	-5.884056	14.494730
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Ti	6.924750	-4.848354	10.399388
Ti	0.765882	-6.669932	10.127717
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Ti	0.486383	-6.099166	13.810431
Ti	-2.055263	-9.432110	10.103890
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O	-0.946916	-10.477110	14.222321
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O	-0.509059	-8.235933	9.835058
Ti	4.212098	-11.238895	13.766580
O	4.085041	-12.146416	12.121292
Ti	4.397190	-10.739958	10.776441
O	4.545656	-9.624914	12.446956
O	2.874560	-10.821064	9.540099
O	2.370137	-10.665033	14.211283
O	1.940937	-7.846776	14.224521
Ti	0.779732	-9.463901	13.753859
O	1.088021	-9.965030	11.971137

O	2.162062	-8.290554	10.029723
Ti	0.971525	-9.992579	10.084692
O	-0.784327	-10.856281	10.061477
O	2.449848	-5.616328	9.736399
O	2.223109	-5.131358	13.934307
Ti	6.319708	-8.973353	13.342750
O	7.196100	-8.456870	11.706896
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Ti	7.069109	-9.351470	9.941586
O	6.237278	-11.034540	10.270622
O	6.152736	-10.862851	14.136479
O	5.170560	-7.941089	14.477302
Ti	3.603991	-6.697535	13.934658
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O	5.081264	-8.751440	9.813934
Ti	3.849971	-7.251016	10.244581
Ti	-0.680583	2.918693	17.069620
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O	-3.318009	3.358883	20.579526
Ti	-1.432212	3.294608	20.469377
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O	-0.515598	4.808079	16.273780
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Ti	2.029582	0.639842	16.475747
O	1.783189	0.933436	18.294724
O	0.555729	2.695607	20.596398
Ti	1.784611	1.192696	20.165753
O	3.184878	-0.441167	20.673855
O	3.410150	-0.925567	16.476253
Ti	1.424559	5.185101	16.643143
O	1.551281	6.091147	18.289088
Ti	1.239376	4.684192	19.633723
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O	2.761631	4.766342	20.870270
O	3.265478	4.609289	16.198359
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Ti	4.854535	3.406655	16.656294
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O	3.472127	2.233162	20.380178
Ti	4.663126	3.934963	20.325600
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O	6.143950	2.178514	20.575964
O	6.330905	1.809425	16.755322
O	6.581290	4.419872	16.187921
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Ti	7.873571	2.915810	16.677378
Ti	7.690062	3.374596	20.307032
Ti	4.868903	0.612256	20.283458
O	4.949815	0.401605	18.472678
Ti	5.146879	0.042326	16.600778
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O	6.239988	-0.665976	20.876510
Ti	7.399432	-2.163574	20.332104
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O	9.445233	1.821198	16.115131
O	9.490929	-1.351851	16.274740
Ti	10.670046	0.306086	16.551035
O	10.174610	0.651024	18.311249
O	9.131613	-1.028124	20.404798
Ti	10.344617	0.589575	20.177730
O	12.304329	1.157637	19.949757
O	11.797319	-1.395978	20.291908
O	11.936461	-1.351849	16.982147
O	12.562317	1.006794	15.939566
O	14.281493	-0.235553	18.119763
Ti	13.627168	-0.649552	16.408548
O	14.261138	-2.382455	15.645103
Ti	13.417611	-0.295682	19.888632
O	14.631866	-2.075047	20.226730
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Ti	10.396178	-2.777435	20.158491
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Ti	-1.289762	-1.210820	20.011434
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Ti	11.658446	-0.800590	26.301969
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Ti	11.705361	-4.141845	26.476581
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Ti	-2.627828	0.139139	26.191172
O	-1.368036	-1.263376	22.255133
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O	-3.991478	-6.826915	26.362526
O	-4.354776	-9.477055	26.734605
O	-6.183037	-8.252380	24.637624
Ti	-5.543145	-7.910965	26.359381
O	-6.636645	-6.254737	27.059776
O	-4.040470	-7.029334	22.364812
O	-1.449554	-10.544395	22.114861
O	-1.187930	-9.935762	26.743962
O	-1.412701	-6.925265	26.901940
Ti	-2.522156	-8.537413	26.382408
O	-2.398845	-8.701387	24.558232

O	-1.418366	-7.212300	22.631478
Ti	-2.529461	-8.975402	22.667643
O	-4.405181	-9.625950	22.760024
O	-1.107560	-4.438334	22.404909
O	-1.052878	-4.241487	26.532497
O	1.667340	-7.211955	27.092534
Ti	0.334099	-5.883610	26.554427
O	0.405901	-6.124109	24.716965
O	1.437354	-7.685507	22.304623
Ti	0.312657	-6.147283	22.825248
O	4.489879	-4.957377	22.547887
Ti	5.827869	-6.333460	23.085567
O	5.791647	-6.029433	24.888306
O	4.507091	-4.734388	27.241639
Ti	5.868976	-6.099771	26.813212
O	7.296573	-7.805050	27.125544
O	7.257688	-7.969170	22.955451
O	7.612712	-5.407369	22.674522
O	7.641849	-5.215555	26.766268
O	13.445406	-9.075451	26.969892
Ti	11.623444	-9.921748	26.818712
O	11.863870	-10.557191	25.079339
O	12.760253	-9.747255	22.547022
Ti	11.152246	-10.495163	23.340754
O	10.492468	-11.625131	26.965313
O	10.370948	-8.478944	27.066634
Ti	9.052521	-6.898833	26.794668
O	9.311240	-7.069434	24.945760
O	10.131984	-8.826307	22.805780
Ti	9.028135	-7.155783	23.092996
Ti	2.881532	-8.933442	22.892554
O	2.768226	-8.571447	24.677146
Ti	2.910814	-8.636267	26.598582
Ti	0.170781	-11.731228	22.594887
O	1.660718	-10.283932	26.151452
O	1.354000	-12.917424	26.607626
O	-0.400102	-11.814899	24.428153
Ti	0.099278	-11.358375	26.186447
O	1.649332	-10.494261	22.413050
Ti	6.237132	-13.959551	26.096696
O	5.990614	-14.819151	24.476241
Ti	6.466169	-13.304480	23.307425
O	6.737571	-12.329451	25.086386
O	4.960869	-13.327765	22.016635
O	4.501739	-13.225510	26.679038
O	4.244504	-10.344358	26.945508
Ti	3.097814	-11.880083	26.273693
O	3.397493	-12.215058	24.453809
O	4.247016	-10.508530	22.623768
Ti	3.195287	-12.295160	22.579211
O	1.457622	-13.149052	22.516336
O	4.552153	-7.853485	22.517365

O	4.592152	-7.675325	26.805957
Ti	8.637574	-11.875992	26.013813
O	9.276409	-11.366913	24.246878
O	10.666614	-11.839345	22.060509
Ti	8.763156	-11.893773	22.134228
O	8.124543	-13.697956	22.548689
O	8.143681	-13.858282	26.615115
O	7.451500	-10.617381	26.968648
Ti	6.000174	-9.325548	26.618004
O	5.894552	-9.250530	24.778910
O	6.923374	-11.259419	22.822953
Ti	6.014770	-9.570738	22.893603
Ti	1.250389	0.605352	29.371247
O	1.436138	-0.015905	31.176482
O	-0.006683	-0.323370	33.643205
Ti	1.717477	0.124964	33.010324
O	2.758961	1.735154	32.894027
O	2.161081	2.278041	29.100745
O	2.622791	-0.655542	28.803410
Ti	4.330214	-1.500281	29.532063
O	4.356758	-1.761855	31.456020
O	3.057020	-0.820357	33.944379
Ti	4.444278	-1.915448	33.276394
O	5.779164	-3.459139	33.745991
O	5.630065	-3.193211	29.290389
Ti	4.065771	2.293060	29.070792
O	4.299132	3.269998	30.705428
Ti	4.342252	1.802210	31.893470
O	4.347384	0.609520	30.309807
O	5.821752	1.641146	33.009889
O	6.135182	2.438650	28.753338
O	6.190339	-0.616811	29.005257
Ti	7.403325	1.019409	29.224836
O	7.577044	0.985729	31.060049
O	6.278279	-0.943771	33.569036
Ti	7.424693	0.559014	32.914938
O	9.138333	1.218046	33.525363
O	8.779482	-1.156705	32.557899
O	8.768372	-0.811732	29.145180
O	9.154743	1.889485	28.623279
O	10.753662	0.609718	30.827649
Ti	10.310548	0.256237	29.007090
Ti	10.281284	0.013179	32.549577
Ti	7.442613	-2.645811	33.048259
O	7.362627	-2.894401	31.223587
Ti	7.473689	-2.440487	29.375325
O	-0.602472	0.302948	29.149810
O	8.929953	-3.658796	28.897662
Ti	10.212522	-5.141584	29.477377
O	9.630900	-4.771030	31.307918
O	8.780512	-3.527027	34.035601
Ti	9.888842	-4.742614	33.132634

O	11.259683	-6.320957	33.634074
O	11.520154	-6.871819	28.970859
O	11.804891	-0.869997	33.204381
O	11.901430	-0.801047	28.500075
O	11.809287	-3.918413	28.754118
Ti	13.076836	-2.327371	28.843772
O	12.972082	-2.100108	30.711569
O	11.718719	-3.726476	33.223490
Ti	12.934047	-2.292154	32.586790
O	14.855564	-1.822333	32.842422
O	14.163177	-4.222622	32.327405
O	14.360209	-4.061716	28.926443
O	14.911019	-1.581638	28.077235
O	16.501933	-2.698790	30.177797
Ti	15.988151	-3.220160	28.430656
O	16.831713	-4.917783	27.791281
Ti	15.726464	-3.172170	31.860663
O	16.942406	-4.550471	32.297394
Ti	16.621469	-6.186761	31.373729
Ti	16.347084	-6.773019	28.527889
O	16.488771	-7.744423	32.405593
Ti	14.752031	-8.516649	32.338150
O	14.310693	-8.958973	30.585927
O	16.484563	-8.700606	28.469706
Ti	14.710863	-9.293824	28.686273
O	15.088794	-6.010685	30.243266
O	13.769688	-7.043616	32.932837
Ti	12.715515	-5.530910	32.570973
O	17.706267	-6.545664	29.922608
O	12.057821	-5.418260	30.820887
O	14.219444	-7.284583	28.409961
Ti	13.188743	-5.723370	29.162658
Ti	-1.326633	-1.466657	29.284568
O	-1.088694	-1.746577	31.188983
O	-2.627164	-2.600599	33.579597
Ti	-0.916002	-1.903674	33.031423
O	0.016495	-2.780820	28.765638
Ti	1.394094	-4.177704	29.321174
O	1.419822	-4.190847	31.223585
O	0.268995	-3.184550	33.680199
Ti	1.560789	-4.425404	33.062481
O	2.939164	-6.111366	33.398287
O	2.794816	-5.873515	29.321602
O	3.094992	-3.180250	29.051980
O	3.219923	-3.511768	33.622955
Ti	4.621909	-5.058729	33.178008
O	4.719262	-5.042544	31.345835
Ti	4.564879	-4.925260	29.425465
Ti	-5.885109	-6.442018	29.191709
Ti	-5.399503	-6.638730	31.965561
O	-5.544943	-4.583866	28.925998
Ti	-3.804706	-3.831836	29.195875

O	-3.424387	-3.901484	31.072670
O	-5.080970	-5.116536	32.978094
Ti	-3.373560	-4.189153	32.899523
O	-4.323832	-6.801252	30.381065
O	-3.104490	-2.055276	29.032714
O	-2.673203	-5.324188	28.633038
Ti	-1.501917	-6.823865	29.274217
O	-6.914960	-6.496783	30.791098
O	-1.148285	-6.122347	31.019858
O	-2.400756	-5.602549	33.675043
Ti	-1.201970	-6.716984	32.769619
Ti	-4.236646	-9.575390	28.852998
O	-5.865543	-8.296868	28.400625
O	-2.360861	-8.237536	32.107516
O	-2.778455	-10.621113	33.146555
O	-4.703861	-9.959300	30.664790
Ti	-3.864057	-9.374849	32.224973
O	-5.199948	-8.225100	32.952161
O	-2.762866	-8.331832	28.723086
O	-0.201562	-11.851280	28.260789
O	0.490682	-11.245532	32.996810
O	-0.119865	-8.481234	33.400531
Ti	-0.979428	-10.070857	32.621765
O	-0.948362	-10.283755	30.773409
O	-0.214072	-8.469460	29.065845
Ti	-1.216699	-10.283701	28.892624
O	-3.026221	-11.008443	28.746313
O	0.208045	-5.791085	28.823529
O	0.452054	-6.013690	33.602155
O	2.867668	-9.071045	33.544160
Ti	1.725929	-7.639945	33.020404
O	1.564936	-7.661520	31.185424
O	2.609936	-9.098066	28.698768
Ti	1.595955	-7.498166	29.258926
O	5.942233	-6.276882	28.960653
Ti	7.180431	-7.782588	29.505191
O	7.157571	-7.150923	31.318666
O	5.848177	-6.200048	34.022515
Ti	7.115703	-7.281753	33.168224
O	8.504644	-8.906252	33.525343
O	8.668435	-9.361526	29.171769
O	8.943697	-6.741447	29.036922
O	8.809193	-6.373154	33.602980
O	14.313545	-9.924036	33.532975
Ti	12.630702	-10.739461	33.204132
O	13.146142	-11.442044	31.516885
O	14.485118	-11.146676	28.758697
Ti	12.868630	-11.489947	29.679506
O	11.509547	-12.238811	33.524790
O	11.448660	-9.346112	33.540637
Ti	10.198943	-7.968157	33.059246
O	10.386611	-8.168619	31.234700

O	11.728335	-9.999038	29.014564
Ti	10.394847	-8.480486	29.317375
Ti	4.112958	-10.201219	29.401160
O	4.401863	-8.825825	30.853550
Ti	4.331552	-9.600302	32.511447
Ti	1.452344	-13.020995	28.710498
O	3.329739	-11.116742	31.294351
O	2.944699	-13.212282	33.081217
O	1.001369	-13.004208	30.579299
Ti	1.810440	-12.121494	32.002141
O	2.926298	-11.777293	28.633000
Ti	7.573314	-14.246977	31.642325
O	7.627434	-15.470846	30.257425
Ti	7.937576	-14.238981	28.757855
O	7.488526	-12.787844	30.419946
O	6.083577	-14.615451	28.076147
O	6.172460	-14.150971	32.909267
O	5.485980	-11.353948	32.887297
Ti	4.703160	-13.066091	32.380451
O	4.555908	-13.790666	30.659129
O	5.459592	-11.802646	29.095206
Ti	4.419352	-13.596291	28.779526
O	2.672865	-14.462821	28.650349
O	5.881057	-9.264861	28.829928
O	5.904422	-8.903151	33.488238
Ti	10.092936	-12.568718	32.312871
O	10.626998	-12.164160	30.522229
O	12.454781	-13.000923	28.632703
Ti	10.573802	-12.892036	28.636024
O	9.846235	-14.606816	28.685931
O	9.317821	-14.272362	32.384821
O	8.649761	-11.607010	33.063559
Ti	7.306663	-10.329798	32.778406
O	7.197828	-10.005123	30.984605
O	8.630272	-12.223436	28.401075
Ti	7.294577	-10.959261	29.195141

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O	1.109821	0.619534	2.047939
O	1.092370	0.465958	-2.556499
O	2.877781	4.129652	1.890554
O	2.886340	3.794372	-1.621024
O	4.167374	6.142717	-0.110909
Ti	3.811877	5.430703	-1.794806
Ti	3.727988	5.862383	1.724553
Ti	2.227355	2.226521	1.590533
O	2.365325	1.580341	-0.168399
Ti	2.316350	1.930063	-2.006948
O	-2.240577	-6.412708	2.123934
O	0.616723	-5.747279	-2.616773
O	0.656086	-5.559839	2.168567
O	-0.609700	-2.909947	2.031236

Ti	-1.074767	-4.842511	1.641193
O	-0.884187	-4.944529	-0.210940
O	-0.687536	-3.025216	-2.581628
Ti	-1.029981	-4.919269	-2.089080
O	-2.408316	-6.208726	-2.561124
O	2.197302	-2.005669	2.209829
Ti	0.520497	-1.261814	1.565628
O	0.601942	-1.518550	-0.314085
O	2.137260	-2.074706	-2.968613
Ti	0.549872	-1.447806	-2.187086
O	3.887813	1.522016	-2.945093
Ti	5.472542	0.868941	-2.176356
O	5.463242	0.928412	-0.326992
O	4.005320	1.654417	2.207564
Ti	5.664907	0.835656	1.591615
O	7.595049	-0.211365	2.063886
O	7.286751	-0.156307	-2.643762
O	5.658258	5.504287	2.273951
O	5.433132	5.077630	-2.688995
O	6.779182	2.379128	-2.584062
Ti	7.036436	4.270540	-2.075626
O	6.856742	4.327773	-0.224092
O	6.911867	2.416479	1.646244
Ti	7.196560	4.460997	1.631774
O	8.524956	5.853185	1.721672
O	9.332950	3.273382	1.887327
O	9.083397	3.093170	-1.591587
O	8.502999	5.450409	-2.582623
O	10.490432	5.569624	-0.131017
Ti	10.007972	4.731128	-1.717682
O	11.723146	4.234400	-2.404821
Ti	10.199004	5.003496	1.662376
O	12.191110	4.581501	2.152360
Ti	13.062309	2.948547	1.372243
Ti	12.571703	2.917481	-1.390570
O	13.383418	1.140053	1.814541
Ti	12.109898	-0.281864	1.637716
O	11.719227	-0.310723	-0.241515
O	12.822522	1.326996	-2.322584
Ti	11.591881	-0.126653	-2.078310
O	11.512320	2.663958	0.183081
O	12.138836	-2.164554	1.857281
O	10.430273	0.511705	2.218746
Ti	8.748922	1.360336	1.575777
O	14.024918	3.363200	-0.202531
O	8.703630	0.725810	-0.196460
O	10.078539	0.647831	-2.865657
Ti	8.537141	1.228449	-1.977949
Ti	3.723431	-2.481058	-2.050106
O	3.681065	-2.265714	-0.216191
Ti	3.942454	-2.637399	1.630179
Ti	2.302592	-6.062893	-1.859272

O	3.369516	-4.633747	1.567577
O	4.133069	-7.233251	2.086301
O	2.088270	-6.806759	-0.140400
Ti	2.408531	-6.267601	1.642363
O	3.171758	-4.388697	-1.792963
Ti	8.877919	-6.122818	1.506139
O	9.198892	-7.122838	-0.040643
Ti	8.601404	-5.739085	-1.272180
O	8.313521	-4.674646	0.328060
O	7.055388	-5.973185	-2.262577
O	7.016986	-6.486154	2.063405
O	5.871614	-3.718081	2.012698
Ti	5.311319	-5.638041	1.632755
O	5.243800	-5.656048	-0.217920
O	5.564461	-3.563135	-2.612463
Ti	5.198627	-5.432473	-2.086432
O	3.897023	-6.703471	-2.714263
O	4.962756	-1.053923	-2.571840
O	5.201505	-1.128445	1.731266
Ti	10.650341	-3.352273	1.734152
O	10.496813	-3.149662	-0.147446
O	11.480928	-1.923234	-2.685136
Ti	10.211460	-3.139617	-2.001968
O	10.017191	-5.032670	-2.255251
O	10.545389	-5.302655	2.250457
O	8.879401	-2.779441	2.293643
Ti	7.122048	-2.148810	1.625032
O	6.944067	-2.122594	-0.274029
O	8.535983	-2.630793	-2.655695
Ti	6.818330	-2.041454	-2.121049
Ti	-10.308217	2.988531	-2.331780
O	-10.739814	2.785440	-0.498918
O	-12.597132	2.161272	1.746681
Ti	-11.068318	3.185549	1.303998
O	-10.961924	4.998966	1.720667
O	-10.050453	4.866323	-2.236407
O	-8.624269	2.495890	-2.908229
Ti	-6.917062	1.982173	-2.201304
O	-7.073912	2.088574	-0.404026
O	-9.402119	2.669885	2.085652
Ti	-7.432832	2.511361	1.494797
O	-5.458904	1.446098	2.067353
O	-5.058950	1.001370	-2.493352
Ti	-8.623872	5.470375	-1.174627
O	-9.208424	6.683471	0.161973
Ti	-9.094108	5.515202	1.668707
O	-8.261391	4.226236	0.344445
O	-7.531296	6.395017	2.504203
O	-7.188547	5.841028	-2.253262
O	-5.655990	3.541697	-2.575331
Ti	-5.316495	5.404710	-1.908118
O	-5.553471	5.767579	-0.080148

O	-6.112559	4.007094	1.822060
Ti	-5.644211	6.085261	1.789269
O	-4.401995	7.553230	1.804955
O	-3.627393	4.935656	1.995434
O	-3.373516	4.385524	-1.452925
O	-4.031655	6.642088	-2.590146
O	-2.222999	6.840183	-0.044690
Ti	-2.435545	6.030156	-1.711378
Ti	-2.720652	6.666143	1.794673
Ti	-4.281980	3.012129	1.635226
O	-3.989369	2.256153	-0.064995
Ti	-3.900229	2.494224	-1.923990
Ti	-12.721323	-2.927680	-1.609758
Ti	-13.009767	-2.665286	1.165532
O	-12.967571	-1.426662	-2.676140
Ti	-11.768970	0.079255	-2.478257
O	-12.068025	0.378718	-0.630948
O	-13.651565	-0.973179	1.608152
Ti	-12.380267	0.380826	1.210976
O	-11.597317	-2.409584	-0.117002
O	-11.609688	1.846052	-3.126391
O	-10.188758	-0.682457	-3.038632
Ti	-8.681805	-1.299561	-2.058612
O	-14.049069	-3.326329	-0.286602
O	-8.956667	-0.947644	-0.282580
O	-10.836738	-0.241301	2.107960
Ti	-9.067814	-1.022606	1.631706
Ti	-10.218999	-4.815145	-1.618058
O	-11.932893	-4.426483	-2.381474
O	-9.531645	-3.034721	1.717221
O	-8.749635	-5.591185	2.218201
O	-10.712513	-5.361261	0.136387
Ti	-10.477813	-4.657713	1.855763
O	-12.287314	-3.810624	2.482431
O	-9.327064	-3.188975	-1.960874
O	-5.694299	-5.188278	-2.515257
O	-5.757072	-4.736246	2.192651
O	-7.135279	-2.084543	2.055220
Ti	-7.504132	-4.032729	1.747802
O	-7.317339	-4.245477	-0.094153
O	-6.895914	-2.476733	-2.468758
Ti	-7.299048	-4.348683	-1.973508
O	-8.719814	-5.688845	-2.292609
O	-7.416838	0.070194	-2.710818
O	-7.848196	0.501482	1.602090
O	-4.293687	-1.249199	2.200934
Ti	-5.960537	-0.458273	1.570696
O	-5.698601	-0.889769	-0.266353
O	-4.085246	-1.537623	-2.981570
Ti	-5.634412	-0.906366	-2.139174
O	-2.339879	2.145189	-2.890019
Ti	-0.733729	1.479088	-2.160474

O	-0.831251	1.582383	-0.325209
O	-2.475023	2.491261	2.219272
Ti	-0.825863	1.679394	1.613219
O	-0.782533	6.280839	2.286079
O	-0.836118	5.683667	-2.598455
O	0.537330	3.019296	-2.586834
Ti	0.848242	4.914468	-2.050915
O	0.636930	5.043024	-0.212489
O	0.393671	3.254698	1.672766
Ti	0.791335	5.302101	1.665367
O	2.078069	6.746549	1.741184
O	2.245827	6.129043	-2.607999
Ti	-2.491713	-1.912848	-2.060873
O	-2.635809	-1.622625	-0.250777
Ti	-2.553142	-1.870787	1.643369
Ti	-3.969899	-5.468936	-1.788845
O	-3.037691	-3.877747	1.528158
O	-4.269066	-6.139307	-0.050643
Ti	-3.998250	-5.504825	1.697042
O	-3.087034	-3.818509	-1.824349
O	-1.271279	-0.446730	-2.597622
O	-1.349461	-0.296067	1.686779
O	2.801230	-0.131967	8.613650
O	2.879330	-0.282384	4.329531
O	4.617217	3.240406	7.841306
O	4.567567	3.299472	4.487989
O	5.798873	5.560836	6.067337
Ti	5.528011	4.926577	4.319304
Ti	5.499757	4.890822	7.805278
Ti	4.021526	1.334583	8.077244
O	4.165705	1.044921	6.267099
Ti	4.082972	1.292656	4.372759
O	-0.714935	-6.707144	8.624111
O	2.312874	-6.858893	3.730336
O	2.366946	-6.262093	8.614543
O	0.992878	-3.597991	8.602931
Ti	0.680989	-5.493148	8.067124
O	0.893585	-5.621841	6.228478
O	1.136186	-3.833188	4.343385
Ti	0.738696	-5.880510	4.350809
O	-0.547897	-7.324930	4.274850
O	3.870056	-2.723436	8.906029
Ti	2.263911	-2.057508	8.176533
O	2.360997	-2.161183	6.341305
O	4.005285	-3.069176	3.797027
Ti	2.355790	-2.257842	4.402817
O	5.823510	0.670985	3.815184
Ti	7.490089	-0.120050	4.445662
O	7.228162	0.311296	6.282758
O	5.615202	0.959328	8.998019
Ti	7.163978	0.327988	8.155589
O	8.946764	-0.649572	8.727290

O	9.378153	-1.079675	4.414237
O	7.224203	4.610180	8.531793
O	7.287051	4.158338	3.823469
O	8.664657	1.506428	3.961138
Ti	9.034014	3.454705	4.268620
O	8.846792	3.667176	6.110479
O	8.425544	1.898440	8.485156
Ti	8.828807	3.770301	7.989790
O	10.249304	5.111013	8.308735
O	10.856851	2.611238	7.977766
O	11.061308	2.456938	4.299074
O	10.279396	5.013329	3.798149
O	12.242157	4.783492	5.880050
Ti	12.007324	4.079922	4.160778
O	13.817023	3.233372	3.534126
Ti	11.747406	4.237600	7.634008
O	13.463088	3.849656	8.399217
Ti	14.251469	2.350993	7.626893
Ti	14.540018	2.089036	4.851738
O	14.497745	0.849666	8.692988
Ti	13.299560	-0.655932	8.493853
O	13.598516	-0.954391	6.647473
O	15.182279	0.397246	4.408836
Ti	13.910904	-0.956869	4.807506
O	13.127561	1.833226	6.134122
O	13.140757	-2.423661	9.142981
O	11.718615	0.104693	9.055042
Ti	10.211622	0.721998	8.074404
O	15.579041	2.750564	6.303879
O	10.486032	0.370330	6.298955
O	12.367066	-0.335379	3.908932
Ti	10.597273	0.444836	4.384603
Ti	5.811855	-3.590261	4.381437
O	5.519623	-2.834039	6.081217
Ti	5.430455	-3.072728	7.940126
Ti	4.251050	-7.244809	4.221856
O	4.903850	-4.963862	7.468652
O	5.562821	-7.219999	8.606411
O	3.753682	-7.419392	6.058919
Ti	3.966615	-6.608559	7.728242
O	5.157237	-5.514084	4.021055
Ti	10.155746	-6.047809	7.190413
O	10.741138	-7.260573	5.853966
Ti	10.626110	-6.092516	4.347138
O	9.792269	-4.804117	5.671399
O	9.062443	-6.971577	3.512696
O	8.719806	-6.418854	8.268198
O	7.186429	-4.119869	8.591471
Ti	6.847337	-5.982768	7.924521
O	7.083369	-6.345720	6.095879
O	7.642530	-4.585111	4.193908
Ti	7.174732	-6.663391	4.226890

O	5.932718	-8.131463	4.210782
O	6.989014	-2.024513	3.948933
O	6.589307	-1.579382	8.510036
Ti	11.839374	-3.565575	8.346725
O	12.270345	-3.363710	6.514316
O	14.128117	-2.737758	4.269374
Ti	12.599410	-3.761967	4.711991
O	12.493826	-5.575466	4.294781
O	11.582124	-5.443351	8.252347
O	10.154937	-3.073841	8.923618
Ti	8.447503	-2.561049	8.217391
O	8.603837	-2.666705	6.420177
O	10.932171	-3.247773	3.930707
Ti	8.962882	-3.090294	4.521331
Ti	-9.119220	2.774769	4.282343
O	-8.964696	2.572304	6.164544
O	-9.949606	1.345414	8.702275
Ti	-8.679758	2.561366	8.017249
O	-8.485401	4.454270	8.272385
O	-9.014123	4.725412	3.765128
O	-7.348734	2.201594	3.722333
Ti	-5.591899	1.570201	4.391421
O	-5.413976	1.544195	6.290299
O	-7.004688	2.052344	8.673202
Ti	-5.287664	1.463969	8.137362
O	-3.432302	0.474938	8.587800
O	-3.671115	0.549880	4.285041
Ti	-7.346972	5.546706	4.510515
O	-7.668318	6.545209	6.057699
Ti	-7.070897	5.161023	7.288712
O	-6.783062	4.097124	5.688135
O	-5.524724	5.395419	8.279272
O	-5.486227	5.908794	3.953006
O	-4.341600	3.139579	4.003590
Ti	-3.781345	5.059504	4.383661
O	-3.713481	5.077121	6.234395
O	-4.033706	2.984595	8.628512
Ti	-3.668243	4.854014	8.102898
O	-2.366811	6.125312	8.730615
O	-1.642357	3.810218	7.810141
O	-1.839437	4.055354	4.448798
O	-2.602908	6.654824	3.930139
O	-0.557988	6.228246	6.156318
Ti	-0.878181	5.689234	4.374205
Ti	-0.771945	5.484494	7.876534
Ti	-2.193158	1.902908	8.066310
O	-2.150935	1.687752	6.232305
Ti	-2.412365	2.059138	4.385998
Ti	-11.532219	-3.525660	4.644085
Ti	-11.041576	-3.495249	7.406831
O	-11.853066	-1.717153	4.201853
Ti	-10.579457	-0.294997	4.379003

O	-10.188795	-0.267105	6.258886
O	-11.292019	-1.905057	8.339468
Ti	-10.061179	-0.451460	8.094279
O	-9.982000	-3.241595	5.833330
O	-10.607744	1.587671	4.160199
O	-8.900382	-1.089351	3.797595
Ti	-7.219486	-1.938630	4.440783
O	-12.494817	-3.940287	6.218695
O	-7.174021	-1.303316	6.212490
O	-8.547942	-1.226636	8.882499
Ti	-7.007113	-1.806889	7.994014
Ti	-8.669340	-5.581775	4.353882
O	-10.661308	-5.159118	3.864009
O	-7.553668	-3.671900	7.607184
O	-6.972879	-6.028706	8.599228
O	-8.960287	-6.148092	6.147764
Ti	-8.477816	-5.309655	7.733459
O	-10.193141	-4.813417	8.420843
O	-7.803239	-3.851603	4.129075
O	-4.128105	-6.082220	3.742322
O	-3.902748	-5.655597	8.704779
O	-5.244645	-2.957415	8.600034
Ti	-5.506171	-4.849225	8.091521
O	-5.326689	-4.906707	6.240647
O	-5.382281	-2.994786	4.370161
Ti	-5.666897	-5.039351	4.384290
O	-6.995050	-6.431383	4.294187
O	-6.065103	-0.367315	3.952578
O	-5.756501	-0.427490	8.659799
O	-2.355487	-2.101044	8.960872
Ti	-3.942556	-1.447515	8.192277
O	-3.933162	-1.507046	6.343004
O	-2.475336	-2.232740	3.808618
Ti	-4.135169	-1.414138	4.424385
O	-0.667340	1.427230	3.806358
Ti	1.009440	0.683399	4.450568
O	0.927779	0.939824	6.330277
O	-0.606965	1.496197	8.985185
Ti	0.980071	0.869333	8.203271
O	0.913885	5.169136	8.633548
O	0.874008	4.981583	3.847601
O	2.139475	2.331355	3.984920
Ti	2.604631	4.263979	4.375011
O	2.414195	4.366047	6.227145
O	2.217420	2.446629	8.597890
Ti	2.559200	4.340726	8.105236
O	3.938405	5.630741	8.577234
O	3.770644	5.834270	3.892247
Ti	-0.697487	-2.805053	4.425593
O	-0.835395	-2.158087	6.184616
Ti	-0.786378	-2.508622	8.022921
Ti	-2.198170	-6.440825	4.291794

O	-1.355897	-4.372679	7.636295
O	-2.637384	-6.721834	6.125962
Ti	-2.281283	-6.009017	7.811176
O	-1.346559	-4.708060	4.125744
O	0.420138	-1.198072	3.968051
O	0.437797	-1.044835	8.572942

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O	1.025804	0.658446	1.861788
O	1.038923	0.496059	-2.718021
O	2.791155	4.202738	1.771004
O	2.799050	3.826094	-1.640764
O	4.092091	6.229106	-0.206237
Ti	3.734046	5.456888	-1.865587
Ti	3.670171	5.936990	1.631072
Ti	2.174883	2.288781	1.425184
O	2.293421	1.541626	-0.308624
Ti	2.254599	1.965133	-2.122713
O	-2.345026	-6.428866	2.027553
O	0.593411	-5.702579	-2.723638
O	0.624804	-5.629518	1.973669
O	-0.703515	-2.896628	1.831845
Ti	-1.129598	-4.856642	1.538712
O	-0.940351	-4.955048	-0.318034
O	-0.737059	-3.014783	-2.733756
Ti	-1.065863	-4.895893	-2.192671
O	-2.431103	-6.203844	-2.675400
O	2.151471	-2.037047	1.948769
Ti	0.447464	-1.243330	1.390194
O	0.535608	-1.514376	-0.489935
O	2.085561	-2.068817	-3.143608
Ti	0.507703	-1.420392	-2.355213
O	3.816937	1.615034	-3.096396
Ti	5.413902	0.935504	-2.364312
O	5.438363	0.976576	-0.519828
O	4.002035	1.726760	1.963599
Ti	5.680280	0.869303	1.400585
O	7.599806	-0.187540	1.831573
O	7.229819	-0.058280	-2.858209
O	5.602772	5.559368	2.167140
O	5.338910	5.112356	-2.785210
O	6.725851	2.457864	-2.733677
Ti	6.960356	4.332984	-2.165080
O	6.767589	4.395506	-0.322365
O	6.925014	2.456101	1.484951
Ti	7.153531	4.517130	1.537377
O	8.502196	5.888284	1.630669
O	9.328795	3.328345	1.756324
O	9.004079	3.168639	-1.668630
O	8.421271	5.529303	-2.663946
O	10.449316	5.656059	-0.225105
Ti	9.924515	4.809508	-1.798758

O	11.639607	4.331410	-2.496039
Ti	10.197643	5.056966	1.565449
O	12.195794	4.687807	2.077633
Ti	13.033912	3.044114	1.289932
Ti	12.496945	3.018986	-1.476628
O	13.414997	1.218541	1.634745
Ti	12.163115	-0.206569	1.445064
O	11.816061	-0.255469	-0.440911
O	12.759845	1.464644	-2.462656
Ti	11.564371	-0.030183	-2.264900
O	11.456093	2.758074	0.115712
O	12.248468	-2.114598	1.658162
O	10.485710	0.570850	2.009208
Ti	8.773173	1.405422	1.389566
O	13.955710	3.481760	-0.309398
O	8.703050	0.739944	-0.383876
O	10.039898	0.771223	-3.021216
Ti	8.482502	1.303472	-2.134446
Ti	3.683256	-2.421638	-2.219408
O	3.662358	-2.157022	-0.396234
Ti	3.960771	-2.602438	1.433970
Ti	2.272283	-6.007605	-1.957125
O	3.440871	-4.608582	1.469375
O	4.185045	-7.210656	1.987727
O	2.107837	-6.774996	-0.244409
Ti	2.455612	-6.221046	1.534352
O	3.154441	-4.336989	-1.857826
Ti	8.989706	-5.960459	1.366621
O	9.149448	-6.964712	-0.223070
Ti	8.474838	-5.582843	-1.385940
O	8.100387	-4.557475	0.212636
O	6.983486	-5.886993	-2.457706
O	7.139278	-6.508933	1.971398
O	5.895953	-3.717329	1.806364
Ti	5.416792	-5.669504	1.473537
O	5.227389	-5.707164	-0.366185
O	5.483981	-3.504805	-2.804051
Ti	5.139257	-5.374341	-2.234188
O	3.834972	-6.644714	-2.863985
O	4.897244	-0.979879	-2.797164
O	5.248267	-1.111177	1.507183
Ti	10.731968	-3.203007	1.405582
O	10.319561	-2.770187	-0.425954
O	11.417387	-1.791756	-2.952003
Ti	10.095047	-2.962298	-2.256375
O	9.895187	-4.858905	-2.362434
O	10.675665	-5.091969	1.554307
O	8.973183	-2.594537	2.000693
Ti	7.153536	-2.161610	1.333840
O	6.909238	-2.091114	-0.560290
O	8.443020	-2.529184	-3.035433
Ti	6.760956	-1.964283	-2.397672

Ti	-10.291448	3.020458	-2.459548
O	-10.730550	2.707274	-0.624341
O	-12.694759	2.463897	1.678726
Ti	-11.144409	3.353147	1.090435
O	-11.072473	5.185618	1.277627
O	-10.074161	4.878197	-2.422954
O	-8.639932	2.471355	-3.073466
Ti	-6.938957	1.916683	-2.381588
O	-7.139782	1.955823	-0.585378
O	-9.438142	3.101148	1.991252
Ti	-7.564120	2.464501	1.288679
O	-5.596798	1.407213	1.836006
O	-5.066665	0.943580	-2.627383
Ti	-8.586645	5.474741	-1.398575
O	-9.126317	6.686707	-0.086721
Ti	-9.137424	5.483838	1.446697
O	-8.289646	4.182136	0.054404
O	-7.633887	6.513985	2.292874
O	-7.187273	5.807617	-2.556328
O	-5.689433	3.488673	-2.690352
Ti	-5.364128	5.383414	-2.059677
O	-5.648216	5.773003	-0.255538
O	-6.221795	3.994210	1.539888
Ti	-5.769100	6.063993	1.634985
O	-4.532333	7.534266	1.710728
O	-3.756320	4.936891	1.880167
O	-3.433670	4.360736	-1.567541
O	-4.067566	6.640698	-2.701991
O	-2.313147	6.821432	-0.120794
Ti	-2.503021	6.018473	-1.796960
Ti	-2.840080	6.656413	1.712339
Ti	-4.408302	3.008883	1.463953
O	-4.018135	2.183596	-0.197683
Ti	-3.934600	2.459254	-2.043525
Ti	-12.477023	-2.657150	-1.203581
Ti	-12.713694	-2.250315	1.639874
O	-12.904215	-1.380963	-2.497174
Ti	-11.846003	0.220123	-2.572078
O	-12.437065	0.666091	-0.805379
O	-13.736953	-0.607218	1.706337
Ti	-12.597387	0.698543	1.041251
O	-11.280884	-1.952414	0.218801
O	-11.636062	1.947173	-3.293847
O	-10.272082	-0.599744	-3.130687
Ti	-8.699854	-1.289866	-2.321541
O	-13.718597	-2.979277	0.155066
O	-8.896161	-0.848572	-0.562593
O	-10.968505	0.026755	1.829146
Ti	-9.344905	-1.129445	1.277833
Ti	-10.179762	-4.826007	-1.608181
O	-11.922606	-4.226947	-2.053143
O	-9.631184	-3.196165	1.543266

O	-8.844684	-5.718975	2.236446
O	-10.674745	-5.535650	0.084266
Ti	-10.572648	-4.836745	1.821016
O	-12.291024	-4.016582	2.433163
O	-9.336075	-3.164001	-1.965661
O	-5.700319	-5.207982	-2.622354
O	-5.902933	-4.884554	2.059005
O	-7.320295	-2.143939	1.810602
Ti	-7.644284	-4.128288	1.613107
O	-7.403242	-4.353268	-0.228606
O	-6.948965	-2.527417	-2.715451
Ti	-7.311533	-4.363562	-2.119136
O	-8.753175	-5.660029	-2.485397
O	-7.401836	0.024202	-3.029400
O	-8.073971	0.474733	1.451937
O	-4.449267	-1.227517	1.960028
Ti	-6.195163	-0.482207	1.337547
O	-5.808911	-0.980325	-0.476424
O	-4.118910	-1.614889	-3.172155
Ti	-5.666370	-0.960950	-2.339702
O	-2.386799	2.155528	-3.057128
Ti	-0.789039	1.491652	-2.315697
O	-0.904239	1.594142	-0.481395
O	-2.538914	2.600973	2.057433
Ti	-0.906364	1.724092	1.458406
O	-0.897830	6.338823	2.237919
O	-0.906619	5.697117	-2.698301
O	0.484228	3.050270	-2.695058
Ti	0.774324	4.940125	-2.127270
O	0.532724	5.099546	-0.297001
O	0.321033	3.295860	1.532455
Ti	0.692694	5.371843	1.586260
O	1.994167	6.801351	1.652723
O	2.173248	6.143277	-2.700696
Ti	-2.527994	-1.912981	-2.215962
O	-2.708930	-1.567808	-0.418282
Ti	-2.660888	-1.825530	1.474321
Ti	-3.982284	-5.476623	-1.875553
O	-3.123840	-3.862164	1.440761
O	-4.307382	-6.149435	-0.147509
Ti	-4.068876	-5.486817	1.600920
O	-3.106938	-3.819498	-1.879191
O	-1.321024	-0.437622	-2.765067
O	-1.424667	-0.265917	1.537434
O	2.697612	0.049877	8.284610
O	2.853227	-0.228170	4.044212
O	4.438280	3.571627	8.147338
O	4.499236	3.371800	4.298576
O	5.789015	5.565670	6.000813
Ti	5.495665	4.986743	4.243236
Ti	5.315868	5.299488	7.843317
Ti	3.816296	1.657679	7.829562

O	4.012807	1.419806	6.025676
Ti	4.036015	1.350647	4.103320
O	-0.665531	-7.059778	8.256618
O	2.364263	-6.789753	3.627112
O	2.320637	-6.166491	8.300066
O	0.989449	-3.525681	8.318879
Ti	0.522390	-5.470092	7.845668
O	0.803683	-5.581487	6.030004
O	1.131029	-3.836393	4.044094
Ti	0.714584	-5.861579	4.151518
O	-0.597611	-7.317001	4.150372
O	3.880975	-2.569172	8.371349
Ti	2.105415	-1.863214	7.851448
O	2.287620	-2.085198	6.025959
O	4.086401	-2.881930	3.617188
Ti	2.317381	-2.230400	4.118598
O	5.794489	0.702593	3.622571
Ti	7.517749	-0.081254	4.153814
O	7.335332	0.105284	5.992008
O	5.604275	0.976397	8.396297
Ti	7.349847	0.256672	7.896179
O	9.329362	-0.770238	8.300616
O	9.447794	-1.002513	4.178823
O	7.256040	4.848584	8.333312
O	7.251724	4.218062	3.700078
O	8.704168	1.539199	3.707685
Ti	9.023746	3.498319	4.101618
O	8.798108	3.530191	5.922726
O	8.556378	1.844295	7.958384
Ti	8.867410	3.880864	7.790721
O	10.172888	5.351903	7.656026
O	10.965889	2.785782	8.067936
O	11.084787	2.534529	4.182948
O	10.277337	5.073396	3.699107
O	12.380538	4.800392	5.813167
Ti	12.025392	4.175505	4.110675
O	13.770898	3.237914	3.447424
Ti	11.816381	4.496812	7.654389
O	13.771843	4.034378	8.099644
Ti	14.695537	2.382909	7.501490
Ti	14.572042	2.056286	4.703132
O	15.081896	0.650093	8.409723
Ti	13.752561	-0.942124	8.048899
O	14.223834	-1.068498	6.196328
O	15.190053	0.447012	4.007946
Ti	14.047196	-1.061300	4.363914
O	13.393306	1.787238	6.203266
O	13.317324	-2.739044	8.136891
O	12.222363	0.115848	8.570344
Ti	10.455951	0.823864	7.874414
O	15.815413	2.738953	6.019710
O	10.739283	0.470346	6.089934

O	12.404873	-0.321020	3.726556
Ti	10.661768	0.528963	4.189269
Ti	5.862728	-3.563131	4.142445
O	5.692485	-3.380674	5.950465
Ti	5.608966	-3.259411	7.870859
Ti	4.310537	-7.228842	4.116652
O	5.089167	-5.288075	7.588579
O	5.835130	-7.799604	8.187482
O	3.817457	-7.493811	5.954368
Ti	4.053375	-6.890514	7.713458
O	5.259449	-5.503939	3.867953
Ti	10.640164	-6.993936	7.676619
O	10.808617	-7.938635	6.053787
Ti	10.672922	-6.442495	4.823511
O	10.600125	-5.368237	6.496502
O	9.305709	-6.645906	3.497270
O	8.795002	-6.930497	8.239039
O	7.545088	-4.311376	8.262692
Ti	6.999358	-6.209986	7.744483
O	7.493401	-6.442951	5.946323
O	7.795037	-4.536217	3.949273
Ti	7.266442	-6.557962	4.083916
O	6.020755	-8.048357	4.126943
O	7.021797	-2.007670	3.692348
O	6.841951	-1.737991	7.976483
Ti	12.120758	-4.245202	7.858266
O	12.832705	-4.107326	6.040638
O	14.021920	-2.841945	3.736525
Ti	12.660906	-4.079579	4.234856
O	12.284626	-5.981800	4.026833
O	12.289489	-6.214849	8.468204
O	10.439518	-3.557114	8.533708
Ti	8.760453	-2.687848	7.889542
O	8.972038	-2.891558	6.058573
O	10.892682	-3.510360	3.734275
Ti	9.021376	-2.979715	4.154917
Ti	-9.059570	3.091446	4.174996
O	-9.774232	2.955185	5.991668
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Ti	-9.600379	2.926232	7.797277
O	-9.223083	4.827466	8.006448
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Ti	-5.700648	1.531313	4.142594
O	-5.913351	1.734925	5.973359
O	-7.832807	2.355070	8.297892
Ti	-5.961643	1.824291	7.877078
O	-3.961998	0.851077	8.339741
O	-3.782663	0.580911	4.055720
Ti	-7.578236	5.839741	4.356333
O	-7.746668	6.784132	5.979657
Ti	-7.611422	5.287783	7.209228

O	-7.539696	4.213450	5.535998
O	-6.244580	5.490604	8.536108
O	-5.733806	5.775075	3.793280
O	-4.485432	3.154552	3.769681
Ti	-3.938888	5.053118	4.288308
O	-4.433372	5.286456	6.086252
O	-4.735284	3.379326	8.082671
Ti	-4.205911	5.401455	7.948625
O	-2.960328	6.891866	7.905358
O	-2.199393	4.347475	8.164692
O	-2.028936	4.130880	4.444089
O	-2.774444	6.642501	3.845026
O	-0.756968	6.336109	6.078458
Ti	-0.993610	5.733433	4.319192
Ti	-1.249008	6.072371	7.916118
Ti	-2.803158	2.406935	7.889976
O	-2.633421	2.223785	6.081988
Ti	-2.549400	2.102641	4.161540
Ti	-11.635177	-3.538938	4.532183
Ti	-11.511138	-3.212238	7.330382
O	-12.021978	-1.805592	3.625192
Ti	-10.691096	-0.213760	3.984887
O	-11.163374	-0.085869	5.837173
O	-12.129040	-1.602681	8.024707
Ti	-10.986820	-0.093679	7.669404
O	-10.332447	-2.943584	5.830019
O	-10.253305	1.582100	3.897090
O	-9.162438	-1.273273	3.461944
Ti	-7.396117	-1.980781	4.158182
O	-12.754671	-3.895220	6.014101
O	-7.680478	-1.625362	5.942323
O	-9.344445	-0.834450	8.306006
Ti	-7.602027	-1.685392	7.842619
Ti	-8.756540	-5.653636	4.378625
O	-10.711721	-5.190543	3.933622
O	-8.024576	-3.690929	7.849340
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Ti	-8.965030	-5.332240	7.922050
O	-10.710288	-4.394571	8.585782
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Ti	-5.962751	-4.655032	7.930869
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Ti	-5.807669	-5.037971	4.241806
O	-7.112912	-6.508764	4.376635
O	-6.269952	-0.386677	3.731643
O	-6.388173	-0.154108	7.853057
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Ti	-4.457724	-1.075286	7.878283
O	-4.276629	-1.262078	6.040177
O	-2.544704	-2.132548	3.635995
Ti	-4.290539	-1.413482	4.135869
O	-0.821078	1.412814	3.661231
Ti	0.954620	0.707158	4.181138
O	0.771725	0.928818	6.006658
O	-1.026677	1.725959	8.415252
Ti	0.742234	1.074115	7.913620
O	0.696316	5.633984	8.405848
O	0.740097	5.010062	3.732322
O	2.070501	2.369221	3.713697
Ti	2.538376	4.313688	4.186958
O	2.256283	4.425124	6.002510
O	1.928544	2.680227	7.988433
Ti	2.345455	4.705538	7.881134
O	3.658041	6.160864	7.881975
O	3.726333	5.903218	3.775752
Ti	-0.756668	-2.814014	4.202782
O	-0.953253	-2.575850	6.006620
Ti	-0.976161	-2.506039	7.928975
Ti	-2.255635	-6.455686	4.189367
O	-1.438690	-4.528191	7.733549
O	-2.728699	-6.722523	6.031726
Ti	-2.435273	-6.143338	7.789164
O	-1.378402	-4.727741	3.885367
O	0.362127	-1.205981	3.747757
O	0.206343	-0.928229	7.988079
O	4.381556	-0.719696	14.797556
O	4.484270	-0.890735	10.495274
O	6.168040	2.663204	13.913086
O	6.183729	2.705716	10.591746
O	7.367517	4.992557	12.180295
Ti	7.129430	4.330305	10.431625
Ti	7.043128	4.320050	13.908718
Ti	5.588582	0.756212	14.248819
O	5.768257	0.412582	12.450576
Ti	5.720508	0.669373	10.558042
O	0.888288	-7.299257	14.733238
O	3.958791	-7.495231	9.794703
O	3.968686	-6.853009	14.730024
O	2.576360	-4.207060	14.727194
Ti	2.286911	-6.096707	14.159649
O	2.528280	-6.256527	12.329194
O	2.738641	-4.452384	10.499964
Ti	2.368043	-6.528476	10.446098
O	1.066561	-7.957832	10.379456
O	5.447758	-3.312407	15.089141
Ti	3.849607	-2.648061	14.347983
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Ti	3.966093	-2.880530	10.573872

O	7.508579	0.070649	10.072021
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O	8.869061	-0.175351	12.508391
O	7.179671	0.458105	15.204502
Ti	8.727157	-0.195049	14.371643
O	10.463021	-1.179420	15.062015
O	11.133411	-1.630421	10.581014
O	8.761333	4.051937	14.655442
O	8.963101	3.728122	9.973629
O	10.380373	0.987471	10.221556
Ti	10.704282	2.971552	10.419383
O	10.463932	3.196234	12.261093
O	10.010262	1.371063	14.747812
Ti	10.372128	3.207153	14.151360
O	11.813596	4.504745	14.517219
O	12.397610	2.008787	13.999890
O	12.691876	2.040004	10.489534
O	11.904970	4.562573	9.796561
O	13.735575	4.379494	11.949400
Ti	13.632713	3.680484	10.211856
O	15.352220	2.862247	9.600174
Ti	13.239099	3.670600	13.641749
O	14.983690	3.075691	14.088475
Ti	15.539339	1.500983	13.237218
Ti	15.775503	1.096677	10.394555
O	15.966459	0.226481	14.531148
Ti	14.908574	-1.375139	14.606726
O	15.498895	-1.819807	12.839628
O	16.797473	-0.547151	10.326197
Ti	15.657939	-1.852915	10.991267
O	14.343069	0.797939	11.814335
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O	7.078068	-3.339193	12.229817
Ti	6.995747	-3.615535	14.075926
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O	5.374835	-7.978895	12.153191
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O	6.816965	-6.093541	10.152311
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O	12.190143	-7.840610	12.119569
Ti	12.199477	-6.638060	10.585975
O	11.350177	-5.337361	11.978519
O	10.695544	-7.668274	9.738909

O	10.249584	-6.963198	14.587864
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Ti	8.426478	-6.539699	14.091951
O	8.709128	-6.930366	12.287780
O	9.281118	-5.150133	10.492376
Ti	8.830080	-7.220060	10.397424
O	7.593693	-8.690693	10.320703
O	8.656303	-2.563650	10.196223
O	8.127285	-2.103277	14.659522
Ti	13.353821	-4.174091	14.492150
O	13.792470	-3.861243	12.656394
O	15.757074	-3.617568	10.355309
Ti	14.205711	-4.505700	10.941683
O	14.134270	-6.338887	10.754094
O	13.136937	-6.032000	14.455726
O	11.701719	-3.625800	15.105170
Ti	9.999954	-3.075157	14.414244
O	10.199239	-3.111224	12.617975
O	12.497875	-4.256013	10.042382
Ti	10.623535	-3.620022	10.743986
Ti	-7.671391	2.047325	10.627195
O	-7.258816	1.614075	12.458430
O	-8.356538	0.635721	14.984783
Ti	-7.033891	1.806641	14.288434
O	-6.833973	3.702993	14.395252
O	-7.614934	3.936743	10.478811
O	-5.913239	1.438317	10.031439
Ti	-4.093683	1.004804	10.698271
O	-3.849290	0.935168	12.592437
O	-5.381989	1.373218	15.068394
Ti	-3.700799	0.807476	14.429747
O	-1.836944	-0.175948	14.829306
O	-2.187788	-0.045281	10.525130
Ti	-5.928604	4.805539	10.666796
O	-6.088186	5.809521	12.256555
Ti	-5.413806	4.427380	13.418934
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Ti	-2.356608	4.512796	10.558507
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Ti	-2.078102	4.217746	14.266944
O	-0.774535	5.487932	14.896422
O	-0.092065	3.180132	13.891483
O	-0.380849	3.452108	10.563548
O	-1.124713	6.053857	10.044952
O	0.952638	5.617792	12.277417
Ti	0.605383	5.065493	10.498426
Ti	0.788618	4.851333	13.990480
Ti	-0.622666	1.264892	14.252143

O	-0.602803	1.001803	12.428766
Ti	-0.900935	1.446123	10.598446
Ti	-9.973236	-4.199988	10.742941
Ti	-9.436020	-4.175029	13.509382
O	-10.354003	-2.374330	10.397820
Ti	-9.102239	-0.948996	10.587544
O	-8.755670	-0.900145	12.473180
O	-9.699156	-2.620376	14.495252
Ti	-8.503266	-1.125825	14.298082
O	-8.395093	-3.913665	11.916998
O	-9.187626	0.959199	10.374949
O	-7.425360	-1.726889	10.022647
Ti	-5.713413	-2.561995	10.642748
O	-10.894836	-4.637658	12.341847
O	-5.643615	-1.895361	12.415333
O	-6.979332	-1.927995	15.053772
Ti	-5.422327	-2.459629	14.167074
Ti	-7.136961	-6.213972	10.467138
O	-9.134937	-5.843843	9.955310
O	-5.943569	-4.324786	13.699552
O	-5.360427	-6.684907	14.696736
O	-7.388319	-6.812789	12.257587
Ti	-6.863817	-5.965627	13.830916
O	-8.578657	-5.487737	14.528038
O	-6.268357	-4.484931	10.276090
O	-2.541988	-6.715414	9.865256
O	-2.277484	-6.267948	14.817225
O	-3.665193	-3.614222	14.765593
Ti	-3.899221	-5.489297	14.197442
O	-3.706726	-5.551880	12.354710
O	-3.865130	-3.612468	10.547211
Ti	-4.092941	-5.673605	10.494928
O	-5.441357	-7.044818	10.401565
O	-4.539981	-0.969283	10.200638
O	-4.169596	-1.098913	14.889922
O	-0.757521	-2.771746	15.128090
Ti	-2.353707	-2.091924	14.396481
O	-2.379209	-2.133014	12.551929
O	-0.942368	-2.883436	10.068669
Ti	-2.620570	-2.025689	10.631503
O	0.908230	0.880374	10.083669
Ti	2.612579	0.086914	10.642366
O	2.523902	0.357621	12.522574
O	0.974032	0.912110	15.176187
Ti	2.552809	0.263605	14.387797
O	2.467541	4.546574	14.756411
O	2.435594	4.473480	10.058956
O	3.762833	1.740248	10.200646
Ti	4.189676	3.700155	10.494139
O	4.001023	3.798443	12.350943
O	3.797561	1.858034	14.766752
Ti	4.127054	3.739041	14.225504

O	5.491972	5.047618	14.708392
O	5.405248	5.272371	10.005212
Ti	0.884825	-3.445049	10.607452
O	0.766444	-2.696755	12.340236
Ti	0.805891	-3.121398	14.154869
Ti	-0.609975	-7.093646	10.401464
O	0.262230	-4.982390	13.671532
O	-1.030917	-7.386269	12.238252
Ti	-0.672636	-6.613163	13.897400
O	0.269172	-5.359302	10.261313
O	2.033942	-1.815080	10.170633
O	2.021735	-1.653059	14.750463

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O	0.998354	0.643969	1.690999
O	1.037135	0.523560	-2.903116
O	2.747422	4.197362	1.692015
O	2.752076	3.816154	-1.681248
O	4.046212	6.230799	-0.281846
Ti	3.681893	5.437603	-1.926650
Ti	3.626423	5.920016	1.562904
Ti	2.141509	2.284721	1.279627
O	2.301780	1.494873	-0.443703
Ti	2.253576	1.960772	-2.243503
O	-2.439534	-6.421921	1.863788
O	0.554235	-5.680617	-2.919019
O	0.526331	-5.664113	1.814365
O	-0.781695	-2.898004	1.612877
Ti	-1.213797	-4.859373	1.354984
O	-0.985185	-4.963437	-0.503729
O	-0.748949	-2.996031	-2.942447
Ti	-1.108359	-4.876837	-2.375622
O	-2.472453	-6.184583	-2.863731
O	2.044687	-2.072047	1.736974
Ti	0.356497	-1.235512	1.184251
O	0.501860	-1.498414	-0.700311
O	2.071861	-2.033694	-3.369299
Ti	0.491677	-1.397091	-2.562157
O	3.832700	1.645113	-3.218722
Ti	5.429457	0.924138	-2.530839
O	5.471200	0.984871	-0.688456
O	3.996765	1.797129	1.811897
Ti	5.669095	0.941794	1.242045
O	7.557070	-0.146136	1.691411
O	7.246734	-0.095104	-3.033458
O	5.585604	5.520863	2.065061
O	5.302633	5.072996	-2.832612
O	6.782465	2.418172	-2.863810
Ti	6.940194	4.281252	-2.270295
O	6.777406	4.412557	-0.425497
O	6.984527	2.456027	1.335603
Ti	7.154159	4.507294	1.437743

O	8.518892	5.876166	1.571035
O	9.363748	3.306373	1.647549
O	8.977310	3.040939	-1.638668
O	8.465130	5.383611	-2.782572
O	10.486487	5.555131	-0.307943
Ti	9.923129	4.652422	-1.839407
O	11.609346	4.059949	-2.510219
Ti	10.207834	5.040658	1.505531
O	12.180541	4.525850	1.989619
Ti	12.978830	2.809830	1.305915
Ti	12.436865	2.750515	-1.455551
O	13.366409	0.973539	1.634688
Ti	12.185190	-0.510251	1.487442
O	12.019888	-0.731025	-0.404036
O	12.809225	1.179871	-2.392238
Ti	11.641085	-0.323853	-2.202199
O	11.390967	2.431659	0.112003
O	12.085463	-2.544079	1.864178
O	10.501933	0.350787	1.859094
Ti	8.870760	1.384458	1.247081
O	13.878995	3.262205	-0.304568
O	8.699513	0.560781	-0.465917
O	10.123533	0.560619	-2.908419
Ti	8.508752	1.183415	-2.192338
Ti	3.657105	-2.410839	-2.439304
O	3.623566	-2.119468	-0.619773
Ti	3.865008	-2.575296	1.213152
Ti	2.222696	-5.991552	-2.138935
O	3.349409	-4.591858	1.261580
O	4.084894	-7.195877	1.796176
O	2.038997	-6.749148	-0.427372
Ti	2.366446	-6.206278	1.365092
O	3.116466	-4.318470	-2.077147
Ti	8.889647	-6.179365	1.081879
O	9.009160	-7.189375	-0.519597
Ti	8.433818	-5.751154	-1.673436
O	8.146629	-4.727738	-0.080958
O	6.917327	-5.945350	-2.726713
O	7.038959	-6.545408	1.737507
O	5.809025	-3.682805	1.586639
Ti	5.322088	-5.646183	1.299315
O	5.186536	-5.662618	-0.558048
O	5.459070	-3.511955	-3.005011
Ti	5.093156	-5.379100	-2.420928
O	3.784479	-6.652591	-3.033899
O	4.905345	-0.979999	-2.994778
O	5.133445	-1.040479	1.311612
Ti	10.459865	-3.426608	1.157539
O	10.318952	-2.844727	-0.635282
O	11.463054	-1.988289	-3.106771
Ti	10.070632	-3.108893	-2.479681
O	9.878971	-4.995579	-2.611076

O	10.596820	-5.303625	1.228636
O	8.789327	-2.680326	1.767367
Ti	6.993846	-2.053281	1.169438
O	6.856901	-2.113744	-0.731811
O	8.428530	-2.600575	-3.206091
Ti	6.744635	-1.993646	-2.576061
Ti	-10.438461	2.808398	-1.761398
O	-11.042401	2.248414	-0.014879
O	-13.112287	2.264442	1.789632
Ti	-11.332500	2.977735	1.842292
O	-11.230046	4.824163	1.734150
O	-10.355703	4.656087	-1.984352
O	-8.735683	2.291187	-2.362754
Ti	-6.934538	1.746985	-2.198856
O	-6.788465	1.356675	-0.382175
O	-9.273082	3.040306	2.069349
Ti	-7.511134	2.347202	1.323482
O	-5.543341	1.360752	1.785669
O	-5.035677	0.879510	-2.707544
Ti	-8.725725	5.271604	-1.217200
O	-9.313701	6.392294	0.150556
Ti	-9.294095	5.175778	1.673047
O	-8.311228	3.896400	0.052758
O	-7.787629	6.241466	2.445387
O	-7.394005	5.635776	-2.473803
O	-5.808544	3.377094	-2.485450
Ti	-5.556128	5.326266	-1.958298
O	-5.869100	5.846861	-0.191662
O	-6.197728	3.895072	1.470344
Ti	-5.891891	5.988231	1.721036
O	-4.662633	7.476082	1.800216
O	-3.838756	4.911801	1.853652
O	-3.621238	4.308465	-1.421190
O	-4.237601	6.526397	-2.671568
O	-2.454714	6.815236	-0.123203
Ti	-2.660260	5.936411	-1.757902
Ti	-2.949792	6.631382	1.725199
Ti	-4.354665	2.964979	1.384356
O	-3.884066	2.004474	-0.208634
Ti	-3.951197	2.380065	-2.032027
Ti	-12.504559	-2.757991	-1.480950
Ti	-12.724475	-2.167466	1.341263
O	-12.929008	-1.517303	-2.812669
Ti	-11.978614	0.141298	-2.736984
O	-12.969495	0.635174	-1.175044
O	-13.851495	-0.637914	1.334206
Ti	-12.803850	0.790240	0.671711
O	-11.295828	-1.969361	-0.145541
O	-11.567136	1.953017	-3.028122
O	-10.337597	-0.603550	-3.275040
Ti	-8.734876	-1.276062	-2.526615
O	-13.714164	-3.048096	-0.116005

O	-8.866970	-0.838013	-0.750436
O	-11.193201	-0.118516	1.509208
Ti	-9.439216	-1.149510	1.052879
Ti	-10.197969	-4.840010	-1.842034
O	-11.937468	-4.340462	-2.346488
O	-9.724741	-3.178545	1.375435
O	-8.934365	-5.705247	2.021362
O	-10.707923	-5.540251	-0.144463
Ti	-10.666261	-4.843711	1.592889
O	-12.359623	-3.978653	2.170017
O	-9.364156	-3.160208	-2.150567
O	-5.722834	-5.169173	-2.820182
O	-6.007243	-4.932196	1.853375
O	-7.425214	-2.128254	1.568151
Ti	-7.722525	-4.132162	1.385390
O	-7.490817	-4.347061	-0.455234
O	-7.026906	-2.540751	-3.042170
Ti	-7.360258	-4.345404	-2.354570
O	-8.774713	-5.657929	-2.743337
O	-7.382297	0.022900	-3.203018
O	-8.227457	0.426799	1.401318
O	-4.564196	-1.269180	1.663920
Ti	-6.278796	-0.437950	0.981849
O	-5.806478	-1.235413	-0.755607
O	-4.109753	-1.653824	-3.464725
Ti	-5.662816	-1.056696	-2.589328
O	-2.423223	2.233394	-3.111520
Ti	-0.797570	1.512960	-2.476082
O	-0.859734	1.585663	-0.642207
O	-2.475153	2.705101	1.981219
Ti	-0.935732	1.717385	1.302924
O	-0.981635	6.300338	2.202690
O	-1.058951	5.617268	-2.663717
O	0.483881	3.070567	-2.824788
Ti	0.697721	4.942982	-2.190349
O	0.490944	5.136860	-0.361590
O	0.307745	3.289706	1.392842
Ti	0.626738	5.369593	1.534241
O	1.948011	6.787509	1.609997
O	2.112910	6.118945	-2.775571
Ti	-2.533136	-1.889946	-2.466615
O	-2.704381	-1.514536	-0.673868
Ti	-2.762220	-1.814502	1.211876
Ti	-4.017037	-5.443129	-2.058389
O	-3.205072	-3.864038	1.219269
O	-4.361161	-6.139272	-0.343472
Ti	-4.154730	-5.483516	1.416509
O	-3.113933	-3.793641	-2.069696
O	-1.323225	-0.400145	-2.999200
O	-1.501073	-0.256773	1.333765
O	2.645506	0.083352	8.095398
O	2.810807	-0.248876	3.839719

O	4.395914	3.636551	8.022493
O	4.468135	3.356073	4.202241
O	5.799403	5.557227	5.886582
Ti	5.487129	4.953344	4.139018
Ti	5.328444	5.336080	7.744544
Ti	3.746125	1.737367	7.659091
O	3.932370	1.401730	5.862283
Ti	3.987680	1.337207	3.944980
O	-0.852565	-7.074199	8.173106
O	2.287899	-6.783092	3.468109
O	2.217939	-6.274443	8.096417
O	0.922302	-3.539663	8.071488
Ti	0.411441	-5.503936	7.704468
O	0.650435	-5.625035	5.880823
O	1.036159	-3.861561	3.861143
Ti	0.616180	-5.883287	3.993850
O	-0.711160	-7.329004	3.998667
O	3.808762	-2.511117	8.138632
Ti	2.017789	-1.834063	7.639021
O	2.172598	-2.087914	5.811983
O	3.983082	-2.864509	3.375710
Ti	2.209986	-2.246187	3.911317
O	5.754197	0.720466	3.451846
Ti	7.482817	-0.055601	3.971933
O	7.322343	0.264330	5.789014
O	5.579195	1.138398	8.195118
Ti	7.318269	0.393430	7.695331
O	9.226386	-0.676197	8.114984
O	9.381969	-1.057561	3.943665
O	7.293447	4.902254	8.221101
O	7.249025	4.164595	3.593185
O	8.751527	1.511822	3.528492
Ti	9.029995	3.462268	4.007656
O	8.887035	3.579276	5.820596
O	8.608822	1.918124	7.798708
Ti	8.923737	3.948933	7.710024
O	10.351579	5.294348	7.612533
O	11.081158	2.728234	8.001792
O	11.086088	2.432528	4.055389
O	10.320059	5.027885	3.628472
O	12.477695	4.714652	5.735837
Ti	12.039030	4.076726	4.048309
O	13.752549	3.083192	3.388295
Ti	11.999580	4.400811	7.604580
O	13.947233	4.009959	8.211048
Ti	14.780773	2.313979	7.573100
Ti	14.479677	1.981219	4.791666
O	15.002698	0.559891	8.213379
Ti	13.913611	-1.041782	8.127097
O	14.440524	-1.519414	6.387383
O	14.934075	0.278694	4.253006
Ti	13.962337	-1.353832	4.581485

O	13.309936	1.918074	6.284455
O	13.452567	-3.045993	8.422238
O	12.203463	-0.189095	8.303361
Ti	10.514028	0.814093	7.714032
O	15.822647	2.631399	6.009888
O	10.744790	0.387948	5.924511
O	12.355055	-0.583833	3.683238
Ti	10.667041	0.425392	4.049594
Ti	5.723043	-3.562422	3.939761
O	5.488856	-3.372856	5.741342
Ti	5.559644	-3.191166	7.643364
Ti	4.235335	-7.223459	3.945091
O	5.077792	-5.260761	7.453200
O	5.823074	-7.778211	8.022017
O	3.794451	-7.456893	5.798981
Ti	4.036802	-6.850313	7.567924
O	5.155352	-5.503154	3.641865
Ti	10.775322	-6.561521	7.341291
O	10.894836	-7.460837	5.685671
Ti	10.644770	-5.973118	4.453512
O	10.391380	-4.922066	6.119710
O	9.237519	-6.616363	3.220832
O	8.906092	-6.783132	7.962193
O	7.508293	-4.253595	8.006930
Ti	7.012729	-6.197208	7.546767
O	7.407768	-6.484736	5.736074
O	7.595601	-4.556656	3.772318
Ti	7.229900	-6.589125	3.866862
O	5.941029	-8.053624	3.904011
O	6.869187	-1.965908	3.517201
O	6.730389	-1.616935	7.739659
Ti	12.045703	-3.786095	7.168460
O	12.413092	-2.932330	5.454521
O	14.271186	-2.849350	3.463972
Ti	12.546793	-3.695642	3.621227
O	12.459368	-5.552952	3.881666
O	12.427853	-5.614889	7.611537
O	10.516456	-3.145354	8.166624
Ti	8.634243	-2.579089	7.666384
O	8.654560	-2.759895	5.828099
O	10.492518	-3.880161	3.468906
Ti	8.801057	-2.981655	3.952798
Ti	-9.089058	2.836385	4.361284
O	-9.551457	2.045095	6.074010
O	-11.209718	1.505126	8.273982
Ti	-9.522820	2.485520	7.965818
O	-9.560743	4.413058	7.900298
O	-9.382987	4.815479	3.839258
O	-7.482632	2.121619	3.533711
Ti	-5.669833	1.426852	4.010073
O	-5.635997	1.490884	5.841099
O	-7.478170	2.797000	7.879285

Ti	-5.878125	1.752377	7.729006
O	-3.888298	0.751370	8.115466
O	-3.738033	0.482182	3.850834
Ti	-7.674708	5.598523	4.511489
O	-7.856748	6.424226	6.163205
Ti	-7.784051	4.843586	7.367700
O	-7.589762	3.905578	5.514807
O	-6.390969	5.478211	8.621237
O	-5.831144	5.625708	3.846938
O	-4.491978	3.089622	3.695820
Ti	-4.000278	4.991312	4.307839
O	-4.456339	5.237960	6.100584
O	-4.666750	3.334684	7.907092
Ti	-4.373133	5.393320	7.992448
O	-3.109278	6.861934	8.008610
O	-2.254318	4.354312	8.130027
O	-2.081579	4.082617	4.426197
O	-2.843673	6.594283	3.844685
O	-0.865351	6.318835	6.056377
Ti	-1.055128	5.685295	4.290591
Ti	-1.358278	6.074631	7.901197
Ti	-2.801189	2.420835	7.719862
O	-2.478022	2.059685	5.951827
Ti	-2.561655	2.038720	4.045538
Ti	-11.771172	-3.557885	4.259133
Ti	-11.638432	-3.188879	7.048048
O	-12.137360	-1.807427	3.369865
Ti	-10.960294	-0.123005	3.626538
O	-11.590727	0.099622	5.391662
O	-12.240244	-1.538980	7.651041
Ti	-11.182223	-0.004147	7.193292
O	-10.460582	-2.942470	5.549282
O	-10.791342	1.862880	3.545426
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Ti	-7.537612	-1.940640	3.829907
O	-12.883254	-3.900031	5.750211
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O	-9.454094	-0.744799	7.764419
Ti	-7.684514	-1.704152	7.515640
Ti	-8.878271	-5.620781	4.173737
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O	-9.435468	-5.932370	6.024882
Ti	-9.153506	-5.321987	7.746538
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O	-8.044180	-3.907153	3.732743
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O	-5.782261	-2.746164	8.064392
Ti	-6.163535	-4.728854	7.756353
O	-5.925952	-4.762686	5.938339

O	-5.620925	-3.053454	3.815888
Ti	-5.918528	-5.043653	4.049475
O	-7.248826	-6.499111	4.173658
O	-6.290782	-0.446507	3.464372
O	-6.430562	-0.193119	7.692649
O	-2.809277	-1.890875	8.170899
Ti	-4.530217	-1.147460	7.582862
O	-4.364443	-1.453033	5.774628
O	-2.625595	-2.181115	3.358986
Ti	-4.384975	-1.481733	3.848782
O	-0.839932	1.358780	3.473824
Ti	0.926771	0.688552	4.015830
O	0.761189	0.920711	5.843460
O	-0.970490	1.930375	8.308376
Ti	0.710534	1.118446	7.744893
O	0.615725	5.700740	8.375353
O	0.688456	4.991210	3.677803
O	2.036972	2.366801	3.580104
Ti	2.505884	4.302187	4.107173
O	2.228294	4.473932	5.918306
O	1.875521	2.741589	7.855882
Ti	2.286137	4.801671	7.805543
O	3.651681	6.203445	7.787548
O	3.717987	5.889614	3.687139
Ti	-0.849270	-2.817711	3.983532
O	-1.048339	-2.592859	5.796108
Ti	-1.019031	-2.503656	7.707128
Ti	-2.361148	-6.445572	4.040325
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O	0.129986	-0.896428	7.776919
O	4.302432	-0.520913	14.494737
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O	6.056512	3.000446	14.349837
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Ti	6.951857	4.710815	14.008935
Ti	5.439516	1.083057	14.065563
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Ti	5.609400	0.769389	10.341990
O	0.872960	-7.624319	14.361504
O	3.975281	-7.434945	9.673692
O	3.902732	-6.725209	14.371032
O	2.553332	-4.101595	14.468865
Ti	2.085209	-6.036827	13.941760
O	2.362364	-6.208430	12.130710
O	2.714876	-4.476000	10.192955
Ti	2.304548	-6.535904	10.243217

O	0.939217	-7.937686	10.261215
O	5.430605	-3.093332	14.574997
Ti	3.663406	-2.423143	14.033080
O	3.829057	-2.655461	12.205276
O	5.560993	-3.664684	9.740637
Ti	3.879955	-2.852800	10.303863
O	7.399807	0.156554	9.878191
Ti	9.120535	-0.587670	10.466121
O	8.955702	-0.282336	12.274270
O	7.216043	0.447074	14.690251
Ti	8.975160	-0.252865	14.200310
O	10.881262	-1.288059	14.583923
O	11.021395	-1.541680	10.355518
O	8.883269	4.267432	14.517696
O	9.010825	3.803616	9.866849
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Ti	10.754156	2.994536	10.292673
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Ti	13.743970	3.587619	10.302746
O	15.504677	2.692189	9.738852
Ti	13.469056	3.886423	13.875735
O	15.429617	3.492399	14.351178
Ti	16.362641	1.824909	13.790743
Ti	16.229579	1.455686	11.002041
O	16.728504	0.073450	14.678998
Ti	15.551262	-1.610179	14.422101
O	16.181501	-1.832019	12.656809
O	16.831290	-0.193877	10.398124
Ti	15.773461	-1.728915	10.855114
O	15.051984	1.209042	12.500876
O	15.382756	-3.595259	14.503007
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Ti	12.127866	0.206195	14.218940
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O	12.322779	-0.122543	12.398668
O	14.045283	-0.988457	10.284316
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Ti	8.591282	-6.725673	13.740726
O	9.047234	-6.972230	11.947940
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Ti	8.964172	-7.127967	10.056170
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Ti	13.680311	-4.569478	13.686976
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Ti	-4.210666	1.247726	14.095856
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Ti	-9.888293	-3.714651	13.257015
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Ti	-9.322672	-0.691436	9.921666
O	-9.850416	-0.213364	11.660935
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Ti	-9.371107	-0.378694	13.466720
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Ti	-2.728076	-2.128007	10.353825
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Ti	2.572507	0.099581	10.409668
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O	0.607643	1.130316	14.672986
Ti	2.380282	0.511394	14.137404
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Ti	10.252779	-0.677442	20.638158
O	11.972507	-1.756817	21.252227
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Ti	12.313108	2.397794	16.663687
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O	11.616517	0.806759	21.091059
Ti	11.950420	2.611378	20.403740
O	13.364372	3.924743	20.792703
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Ti	15.256824	3.109854	16.456886
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Ti	17.314155	0.432115	16.708355
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Ti	17.395075	-2.523582	17.377713
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Ti	13.324990	-0.457656	20.575767
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Ti	10.148089	-7.059493	20.006586
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Ti	15.030932	-4.539461	19.810205

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Ti	15.923718	-4.710635	16.205806
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Ti	-2.153757	0.259531	20.624753
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Ti	-0.731363	3.911404	16.749368
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O	-0.868239	1.777383	21.053833
Ti	-0.502199	3.644450	20.469820
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O	1.474637	2.583896	20.126684
O	1.241104	2.857306	16.787115
O	0.505878	5.461261	16.252707
O	2.551853	5.014292	18.476334
Ti	2.224233	4.471551	16.683913
Ti	2.368266	4.257067	20.187566
Ti	0.933549	0.676520	20.488168
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Ti	0.725304	0.840600	16.835404
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Ti	-4.281843	-3.119185	16.802961
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Ti	-3.917962	-2.918017	20.240815
Ti	-5.617010	-6.775971	16.543132
O	-7.589490	-6.259805	16.059205
O	-4.385946	-4.775372	19.685470
O	-3.873704	-7.117588	20.831497
O	-5.895352	-7.290389	18.356485
Ti	-5.331242	-6.386936	19.887402
O	-7.017208	-5.793870	20.557711
O	-4.772988	-5.041490	16.401262
O	-0.994623	-7.255291	15.983663
O	-0.710556	-6.806823	20.880816
O	-2.192531	-4.152811	20.912392
Ti	-2.348416	-6.015698	20.318807
O	-2.185992	-6.147724	18.473988
O	-2.395052	-4.190525	16.713645
Ti	-2.563477	-6.241881	16.610885
O	-3.927853	-7.610985	16.477379
O	-2.967472	-1.588919	16.357845
O	-2.655946	-1.640554	21.081961
O	0.757946	-3.380094	21.267130
Ti	-0.838482	-2.658650	20.579396
O	-0.880884	-2.719329	18.737051
O	0.593229	-3.531925	16.237018
Ti	-1.079293	-2.676453	16.806569
O	2.545655	0.337310	16.311882
Ti	4.233625	-0.499334	16.864740
O	4.088632	-0.236365	18.749407
O	2.519011	0.298975	21.418414
Ti	4.098744	-0.337664	20.611208
O	4.036779	3.946348	20.968595
O	4.064505	3.929673	16.234516
O	5.371917	1.163283	16.436183
Ti	5.804098	3.124556	16.694266
O	5.575598	3.228713	18.552774
O	5.339234	1.261343	20.991830
Ti	5.697315	3.142188	20.424508
O	7.063069	4.450769	20.912561
O	7.029947	4.687323	16.185356
Ti	2.448570	-4.018940	16.769461
O	2.288626	-3.228300	18.492439
Ti	2.337188	-3.695236	20.291822
Ti	0.964519	-7.654842	16.485903
O	1.839607	-5.550645	19.728476
O	0.545103	-7.966191	18.330410
Ti	0.910057	-7.171957	19.974774
O	1.844461	-5.931856	16.356854

O	3.592069	-2.378987	16.357633
O	3.553689	-2.258447	20.952156
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O	0.935951	0.659982	1.536394
O	0.992923	0.496548	-3.056521
O	2.668519	4.227848	1.597057
O	2.671025	3.800767	-1.771855
O	3.932157	6.251167	-0.389135
Ti	3.585053	5.443953	-2.024751
Ti	3.529502	5.956616	1.475037
Ti	2.064708	2.315826	1.146598
O	2.261623	1.492016	-0.570571
Ti	2.207583	1.923946	-2.374496
O	-2.527712	-6.407688	1.708223
O	0.526053	-5.651312	-3.062359
O	0.458317	-5.662291	1.642939
O	-0.839476	-2.894271	1.449713
Ti	-1.289923	-4.857446	1.197222
O	-1.042417	-4.947995	-0.667312
O	-0.801961	-2.991195	-3.130345
Ti	-1.163108	-4.872849	-2.533709
O	-2.505849	-6.207851	-3.007702
O	1.990878	-2.053926	1.566462
Ti	0.299651	-1.223899	1.020820
O	0.443635	-1.511668	-0.866853
O	2.022894	-2.049469	-3.528563
Ti	0.436573	-1.409349	-2.722759
O	3.783623	1.655903	-3.363531
Ti	5.374543	0.933899	-2.663726
O	5.408145	1.009418	-0.829512
O	3.935878	1.872927	1.681419
Ti	5.619286	1.043511	1.112907
O	7.526540	-0.018652	1.525532
O	7.190514	-0.080639	-3.180069
O	5.488856	5.590462	1.970013
O	5.181541	5.086842	-2.967908
O	6.713191	2.445273	-3.001551
Ti	6.816006	4.304057	-2.387154
O	6.649914	4.499093	-0.550555
O	6.931567	2.536942	1.156287
Ti	7.057643	4.598678	1.315736
O	8.370492	6.034959	1.438239
O	9.230884	3.477453	1.507921
O	8.832565	3.076983	-1.671182
O	8.339039	5.397193	-2.921718
O	10.349283	5.670570	-0.439705
Ti	9.767794	4.701479	-1.920169
O	11.422189	4.036045	-2.569682
Ti	10.058394	5.217853	1.392082
O	12.008919	4.604502	1.829826
Ti	12.755985	2.778294	1.285488

Ti	12.156317	2.696156	-1.477345
O	13.192161	0.946782	1.478437
Ti	12.026309	-0.576734	1.293871
O	11.950646	-0.795432	-0.606919
O	12.651838	1.192365	-2.467535
Ti	11.534411	-0.354768	-2.383945
O	11.070289	2.354515	0.089830
O	11.877135	-2.640207	1.590125
O	10.392895	0.370148	1.667258
Ti	8.880206	1.535310	1.000604
O	13.586293	3.240615	-0.355274
O	8.614664	0.540882	-0.642129
O	10.032963	0.587905	-3.068748
Ti	8.429808	1.217774	-2.333387
Ti	3.603513	-2.386607	-2.582115
O	3.580596	-2.051337	-0.771397
Ti	3.828171	-2.512407	1.061811
Ti	2.185736	-5.956577	-2.268166
O	3.306376	-4.536726	1.126189
O	4.053051	-7.128449	1.661641
O	2.010286	-6.725073	-0.567360
Ti	2.318714	-6.152075	1.224853
O	3.094677	-4.290446	-2.153319
Ti	8.974757	-6.283498	1.076040
O	8.994339	-7.210502	-0.575937
Ti	8.488013	-5.717909	-1.706162
O	8.433181	-4.652509	-0.082558
O	6.935963	-5.845124	-2.692977
O	7.059397	-6.378168	1.608837
O	5.778883	-3.591719	1.430583
Ti	5.282312	-5.564151	1.192742
O	5.184152	-5.617002	-0.661568
O	5.403859	-3.489448	-3.164942
Ti	5.058993	-5.329405	-2.523339
O	3.766793	-6.597387	-3.163916
O	4.862361	-0.967129	-3.138032
O	5.082725	-0.958982	1.161095
Ti	10.217825	-3.507384	0.859834
O	10.255806	-2.799684	-0.910016
O	11.386263	-1.972135	-3.387445
Ti	10.024091	-3.112586	-2.738765
O	9.877930	-5.017380	-2.763917
O	10.646605	-5.367006	1.196280
O	8.730949	-2.582230	1.647285
Ti	6.941846	-1.911308	1.027064
O	6.830006	-2.131537	-0.876496
O	8.357504	-2.625985	-3.407032
Ti	6.702676	-1.980094	-2.717823
Ti	-10.489713	2.811277	-1.968837
O	-11.096778	2.248078	-0.234801
O	-13.185804	2.253188	1.557454
Ti	-11.395631	2.940479	1.646575

O	-11.342897	4.793848	1.566640
O	-10.466465	4.664666	-2.170650
O	-8.773079	2.322669	-2.585817
Ti	-7.025277	1.675506	-2.373026
O	-6.866147	1.346657	-0.555243
O	-9.330208	3.065263	1.904611
Ti	-7.575206	2.381010	1.153199
O	-5.601578	1.435278	1.570397
O	-5.113735	0.826866	-2.879341
Ti	-8.875063	5.298927	-1.348584
O	-9.479232	6.397719	0.018937
Ti	-9.419000	5.177005	1.545914
O	-8.413832	3.908308	-0.132835
O	-7.901401	6.240492	2.293292
O	-7.515528	5.620617	-2.607585
O	-5.821036	3.304680	-2.497601
Ti	-5.753351	5.223356	-1.979011
O	-6.093913	6.026406	-0.308484
O	-6.254161	3.916510	1.238979
Ti	-5.974134	5.995113	1.589166
O	-4.738700	7.506384	1.691125
O	-3.941801	4.952878	1.783639
O	-3.927023	4.093574	-0.895730
O	-4.247988	6.099918	-2.715613
O	-2.518488	6.717424	-0.175070
Ti	-2.789319	5.565374	-1.602980
Ti	-3.040452	6.671200	1.683879
Ti	-4.370398	3.017247	1.045938
O	-3.821817	1.620560	-0.302399
Ti	-4.029759	2.215770	-2.028628
Ti	-12.573537	-2.749834	-1.759488
Ti	-12.849964	-2.188232	1.046615
O	-12.996175	-1.499125	-3.081393
Ti	-12.037003	0.154147	-2.965083
O	-13.050885	0.664998	-1.432218
O	-13.939881	-0.635161	1.047258
Ti	-12.876963	0.794716	0.421017
O	-11.403870	-1.951979	-0.391271
O	-11.584847	1.956147	-3.265263
O	-10.393297	-0.616586	-3.466453
Ti	-8.812363	-1.313829	-2.700769
O	-13.815688	-3.057644	-0.425115
O	-8.948684	-0.819098	-0.944058
O	-11.250603	-0.055565	1.265978
Ti	-9.512712	-1.110491	0.869385
Ti	-10.282062	-4.867338	-2.078584
O	-11.999865	-4.333487	-2.618965
O	-9.825906	-3.145364	1.145600
O	-9.023317	-5.667206	1.783146
O	-10.800500	-5.550561	-0.389399
Ti	-10.753628	-4.820812	1.338566
O	-12.477827	-3.978701	1.887691

O	-9.435212	-3.190290	-2.341722
O	-5.772769	-5.207449	-2.995132
O	-6.088762	-4.898459	1.672151
O	-7.519129	-2.090752	1.393811
Ti	-7.799542	-4.081806	1.201086
O	-7.540323	-4.339772	-0.639634
O	-7.091608	-2.582544	-3.215808
Ti	-7.414484	-4.389346	-2.525521
O	-8.831530	-5.688756	-2.937300
O	-7.448219	-0.026607	-3.385720
O	-8.288818	0.454148	1.218265
O	-4.636491	-1.280039	1.497923
Ti	-6.331695	-0.408447	0.827600
O	-5.886097	-1.257046	-0.911390
O	-4.165700	-1.663168	-3.626353
Ti	-5.734254	-1.119181	-2.741694
O	-2.512333	2.324170	-3.100556
Ti	-0.846506	1.511457	-2.616853
O	-0.830399	1.599481	-0.790487
O	-2.539753	2.768196	1.792094
Ti	-1.020555	1.728892	1.154763
O	-1.054077	6.329610	2.124807
O	-1.236566	5.213766	-2.537121
O	0.470912	3.016176	-3.020208
Ti	0.670978	4.848203	-2.254150
O	0.506095	5.145468	-0.435242
O	0.226075	3.305309	1.272070
Ti	0.548548	5.394474	1.465891
O	1.859571	6.829410	1.549764
O	2.001467	6.083184	-2.897039
Ti	-2.581754	-1.896726	-2.639424
O	-2.734691	-1.568783	-0.843309
Ti	-2.826490	-1.798791	1.056247
Ti	-4.065889	-5.464529	-2.226201
O	-3.266359	-3.853864	1.050569
O	-4.419463	-6.128390	-0.507080
Ti	-4.239494	-5.456990	1.257947
O	-3.167644	-3.808296	-2.281303
O	-1.387964	-0.377160	-3.153233
O	-1.557665	-0.252894	1.174475
O	2.573098	0.099447	7.918063
O	2.730024	-0.227625	3.675477
O	4.343061	3.659840	7.922795
O	4.393513	3.381389	4.092093
O	5.749842	5.576038	5.789786
Ti	5.398584	4.991014	4.046316
Ti	5.323632	5.340777	7.661772
Ti	3.657468	1.780774	7.519243
O	3.853937	1.417460	5.723156
Ti	3.897656	1.360031	3.810534
O	-0.989702	-7.054232	8.020259
O	2.217262	-6.756390	3.309357

O	2.112040	-6.282200	7.938147
O	0.833645	-3.538926	7.877547
Ti	0.292954	-5.510047	7.538891
O	0.571095	-5.641848	5.714729
O	0.971191	-3.856958	3.684367
Ti	0.518044	-5.877089	3.832012
O	-0.811605	-7.320284	3.836662
O	3.699063	-2.537702	7.959853
Ti	1.918179	-1.814369	7.464689
O	2.110435	-2.074442	5.639104
O	3.929122	-2.816793	3.220007
Ti	2.134753	-2.232918	3.743930
O	5.671096	0.755462	3.307091
Ti	7.434346	0.034236	3.782056
O	7.290251	0.332136	5.607369
O	5.500545	1.188897	8.032285
Ti	7.236022	0.469764	7.510444
O	9.161769	-0.617074	7.887748
O	9.310155	-0.985324	3.857389
O	7.293584	4.934365	8.119838
O	7.147687	4.210108	3.456490
O	8.708271	1.595961	3.318461
Ti	8.934363	3.532794	3.879760
O	8.809622	3.624884	5.682212
O	8.538608	1.969994	7.612037
Ti	8.973467	4.009725	7.587408
O	10.452711	5.225796	7.399048
O	11.018780	2.748397	7.943727
O	11.009368	2.553752	3.865173
O	10.163616	5.179451	3.509011
O	12.470192	4.886329	5.510047
Ti	11.887431	4.265349	3.888949
O	13.585276	3.151049	3.263185
Ti	12.150685	4.307444	7.413260
O	14.096595	4.217010	8.232694
Ti	14.854689	2.454300	7.595573
Ti	14.152063	2.185013	4.838259
O	14.882244	0.614161	7.915422
Ti	13.847165	-1.013547	7.857679
O	14.468232	-1.606565	6.153598
O	14.278878	0.440122	4.395261
Ti	13.710014	-1.458614	4.461960
O	13.103941	2.531404	6.457951
O	13.315189	-3.047876	7.970952
O	12.143164	-0.120035	7.993888
Ti	10.425626	0.892007	7.495850
O	15.693283	2.669650	5.909303
O	10.820392	0.589733	5.700007
O	12.163618	-0.674805	3.420532
Ti	10.590078	0.511701	3.837367
Ti	5.675821	-3.492580	3.778117
O	5.467806	-3.311984	5.583728

Ti	5.466750	-3.161645	7.485380
Ti	4.159381	-7.160408	3.809744
O	5.012081	-5.232278	7.300721
O	5.736689	-7.733820	7.896683
O	3.736996	-7.416027	5.656670
Ti	3.947709	-6.807675	7.440040
O	5.091851	-5.442241	3.514508
Ti	10.777073	-6.555230	7.363997
O	10.950161	-7.442293	5.704000
Ti	10.600349	-6.038878	4.374547
O	10.374517	-4.951762	6.045763
O	9.202970	-6.761064	3.156442
O	8.867076	-6.720596	7.856175
O	7.427090	-4.213922	7.846578
Ti	6.951378	-6.173522	7.423840
O	7.393265	-6.474911	5.618873
O	7.528869	-4.512963	3.658914
Ti	7.164250	-6.530172	3.757117
O	5.885233	-7.984054	3.748380
O	6.824045	-1.896323	3.361219
O	6.632240	-1.562094	7.559833
Ti	11.778524	-3.676438	6.883045
O	12.174147	-2.851071	5.159929
O	14.088795	-2.894680	3.267662
Ti	12.360676	-3.743331	3.301586
O	12.377659	-5.585336	3.763181
O	12.384470	-5.451924	7.710647
O	10.405136	-3.065653	8.057248
Ti	8.496707	-2.508164	7.517886
O	8.687858	-2.749330	5.696331
O	10.316278	-4.011502	3.359695
Ti	8.746066	-2.917748	3.806065
Ti	-9.178763	2.804428	4.245627
O	-9.673071	1.929370	5.976223
O	-11.286507	1.719481	8.107463
Ti	-9.557501	2.606428	7.945986
O	-9.621066	4.510296	7.762030
O	-9.507509	4.792723	3.694953
O	-7.576956	2.130853	3.374950
Ti	-5.736168	1.454076	3.782790
O	-5.697708	1.555192	5.624012
O	-7.539420	2.867551	7.640684
Ti	-5.947656	1.788458	7.513892
O	-3.962707	0.771805	7.916363
O	-3.819644	0.482166	3.657013
Ti	-7.798265	5.605990	4.330762
O	-7.961679	6.465921	5.964152
Ti	-7.841025	4.914937	7.190725
O	-7.737271	3.911932	5.361355
O	-6.427481	5.604208	8.388893
O	-5.948028	5.614531	3.708320
O	-4.561940	3.102350	3.463241

Ti	-4.094936	4.977784	4.138459
O	-4.545517	5.245652	5.931922
O	-4.730518	3.372860	7.755206
Ti	-4.388443	5.434028	7.810738
O	-3.116016	6.896767	7.831644
O	-2.304286	4.371054	7.976460
O	-2.166624	4.089368	4.294115
O	-2.922340	6.616777	3.767917
O	-0.879817	6.318929	5.951745
Ti	-1.134136	5.687033	4.202366
Ti	-1.382095	6.076173	7.799660
Ti	-2.877379	2.450891	7.539211
O	-2.580753	2.073581	5.768820
Ti	-2.666681	2.057750	3.855884
Ti	-11.880127	-3.533108	3.965393
Ti	-11.621980	-3.023139	6.717105
O	-12.267586	-1.782598	3.067174
Ti	-11.099919	-0.127298	3.394268
O	-11.740773	0.196294	5.109986
O	-11.992777	-1.341108	7.290046
Ti	-11.029652	0.348822	6.849615
O	-10.482861	-2.943023	5.154932
O	-10.855734	1.881445	3.358274
O	-9.430765	-1.022612	3.131473
Ti	-7.651041	-1.900845	3.684174
O	-12.956995	-3.742767	5.484643
O	-7.851188	-1.547339	5.492462
O	-9.446682	-0.541849	7.650808
Ti	-7.785556	-1.662347	7.375891
Ti	-9.017084	-5.576505	3.934619
O	-10.980224	-5.238812	3.414716
O	-8.352643	-3.621312	7.445751
O	-7.619707	-6.173723	8.072786
O	-9.592472	-5.898208	5.772559
Ti	-9.286461	-5.298061	7.492407
O	-11.058432	-4.286790	8.044947
O	-8.155527	-3.868672	3.516228
O	-4.392223	-5.969069	3.367453
O	-4.559289	-5.542906	7.986901
O	-5.904564	-2.706148	7.865050
Ti	-6.299203	-4.703892	7.589075
O	-6.077561	-4.730837	5.753896
O	-5.740041	-3.026146	3.654254
Ti	-6.040484	-5.021300	3.878672
O	-7.385743	-6.464260	3.955272
O	-6.379923	-0.425315	3.255084
O	-6.506467	-0.147796	7.495537
O	-2.922403	-1.934581	7.948113
Ti	-4.632658	-1.124981	7.400777
O	-4.455973	-1.427349	5.590423
O	-2.712926	-2.191654	3.195096
Ti	-4.477728	-1.477658	3.677560

O	-0.939390	1.356014	3.301701
Ti	0.838963	0.703084	3.845553
O	0.683969	0.948497	5.673082
O	-1.045801	1.967133	8.128371
Ti	0.634457	1.146298	7.572718
O	0.587820	5.724270	8.302135
O	0.606688	4.975582	3.585283
O	1.956314	2.387088	3.448570
Ti	2.432677	4.314653	4.018850
O	2.191825	4.504938	5.830818
O	1.802577	2.770755	7.719043
Ti	2.264813	4.834565	7.723842
O	3.639470	6.221952	7.716092
O	3.628951	5.918475	3.602193
Ti	-0.921805	-2.810743	3.793430
O	-1.092635	-2.568346	5.604477
Ti	-1.105232	-2.490970	7.512418
Ti	-2.467121	-6.432775	3.888061
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O	-2.935668	-6.657279	5.733039
Ti	-2.711596	-6.091240	7.528413
O	-1.534902	-4.733609	3.531188
O	0.216964	-1.204280	3.377501
O	0.045356	-0.873702	7.592210
O	4.261475	-0.501363	14.294252
O	4.377604	-0.834834	10.065384
O	6.039387	3.046710	14.216227
O	6.101936	2.798369	10.312838
O	7.436500	4.945339	12.031173
Ti	7.154461	4.376516	10.252093
Ti	7.035178	4.719256	13.900213
Ti	5.367726	1.157034	13.881646
O	5.513137	0.867985	12.070426
Ti	5.528777	0.774790	10.167226
O	0.700719	-7.652576	14.280794
O	3.868092	-7.411836	9.541082
O	3.806534	-6.842760	14.199959
O	2.523244	-4.140909	14.229263
Ti	1.979172	-6.092931	13.804730
O	2.221030	-6.262588	11.984547
O	2.622077	-4.488563	10.018910
Ti	2.152552	-6.540797	10.091141
O	0.771122	-7.918716	10.100895
O	5.407005	-3.108078	14.349553
Ti	3.622335	-2.422718	13.845274
O	3.773209	-2.655724	12.013442
O	5.490608	-3.627875	9.575262
Ti	3.778121	-2.854727	10.125054
O	7.318917	0.173470	9.669069
Ti	9.061312	-0.531005	10.242330
O	8.863474	-0.193001	12.038726
O	7.177546	0.517664	14.420280

Ti	8.950196	-0.190000	13.944285
O	10.851448	-1.265985	14.328011
O	10.929002	-1.495528	10.144747
O	8.980202	4.279705	14.397118
O	8.993167	3.823744	9.744305
O	10.332203	1.046866	9.790027
Ti	10.760922	3.031079	10.168281
O	10.566402	3.082915	11.982698
O	10.251762	1.328335	13.985292
Ti	10.675542	3.343519	13.889817
O	12.165488	4.564578	13.752004
O	12.721299	2.083454	14.298164
O	12.797808	1.988718	10.254961
O	12.044824	4.528238	9.638593
O	14.210392	4.299971	11.884871
Ti	13.735732	3.691351	10.224396
O	15.456463	2.558492	9.671454
Ti	13.857791	3.653413	13.745529
O	15.781489	3.524898	14.580863
Ti	16.508460	1.746751	13.938646
Ti	15.825366	1.406507	11.192260
O	16.461313	-0.064792	14.360005
Ti	15.494436	-1.753952	14.278606
O	16.041544	-2.332451	12.576503
O	15.868926	-0.350050	10.834747
Ti	15.202327	-2.296826	10.873857
O	14.775308	1.859216	12.795364
O	15.008038	-3.774319	14.537000
O	13.796125	-0.860082	14.443201
Ti	12.143410	0.209388	13.903929
O	17.379006	1.869542	12.278960
O	12.409784	-0.053711	12.091069
O	13.788088	-1.215197	9.897782
Ti	12.219502	0.014476	10.215939
Ti	7.313034	-4.118771	10.175509
O	7.018359	-3.836985	11.955487
Ti	7.179717	-3.762381	13.853553
Ti	5.828379	-7.767404	10.035355
O	6.706914	-5.831348	13.581431
O	7.415272	-8.346117	14.139008
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Ti	12.391109	-7.292118	13.622935
O	12.491132	-8.194426	11.976309
Ti	12.187045	-6.705122	10.739129
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O	10.881178	-7.311120	9.363209
O	10.469448	-7.478384	14.169194
O	9.117433	-4.851740	14.173589
Ti	8.645630	-6.788002	13.664567
O	9.042862	-7.036094	11.847885

O	9.160233	-5.050466	10.011679
Ti	8.845406	-7.100219	9.961438
O	7.585580	-8.562904	9.917773
O	8.383987	-2.443403	9.776624
O	8.346654	-2.193869	14.020577
Ti	13.548357	-4.512644	13.288856
O	13.844617	-3.701434	11.570598
O	15.479385	-3.616350	9.542952
Ti	13.754922	-4.533759	9.385957
O	13.887990	-6.376792	9.937903
O	14.024110	-6.314998	13.891770
O	12.123982	-3.764436	14.388448
Ti	10.259277	-3.179540	13.892792
O	10.171003	-3.126974	12.060743
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Ti	10.378857	-3.440604	10.191346
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Ti	-4.138596	0.867329	10.172839
O	-4.050546	0.814132	12.004757
O	-5.753759	2.324014	13.937561
Ti	-4.258141	1.127811	13.874175
O	-2.263108	0.130268	14.289058
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Ti	-6.269268	4.981733	10.442087
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Ti	-6.065392	4.394165	13.325773
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O	-2.996676	2.539372	9.891298
Ti	-2.524725	4.476171	10.400511
O	-2.922379	4.723827	12.217286
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Ti	-2.723884	4.787621	14.103788
O	-1.463822	6.250222	14.147417
O	-0.643412	3.749281	14.282308
O	-0.586253	3.519072	10.484482
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Ti	0.484126	5.087712	10.385854
Ti	0.292642	5.454370	14.030153
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Ti	-1.058961	1.450147	10.212079
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Ti	-9.704464	-3.717632	12.872977

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Ti	-9.080611	-0.014204	13.192026
O	-8.654764	-4.171056	11.270243
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Ti	-6.022637	-2.521699	10.161603
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O	-7.666595	-1.096497	14.167711
Ti	-6.098623	-2.326977	13.849715
Ti	-7.737526	-5.965313	10.319750
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Ti	-4.554942	-5.655710	10.175436
O	-6.044841	-6.876563	10.312845
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Ti	-2.940623	-1.781862	13.823357
O	-2.742407	-2.119340	12.027094
O	-1.056893	-2.830485	9.645177
Ti	-2.829307	-2.122230	10.121245
O	0.713575	0.795509	9.715695
Ti	2.497850	0.109544	10.220167
O	2.346883	0.342166	12.052066
O	0.629964	1.314552	14.490596
Ti	2.342325	0.541545	13.940463
O	2.252891	5.099085	14.524591
O	2.314359	4.530073	9.865008
O	3.596992	1.827819	9.836325
Ti	4.141474	3.779956	10.260644
O	3.898954	3.949473	12.080809
O	3.498388	2.175411	14.046614
Ti	3.968068	4.227732	13.974045
O	5.349606	5.605910	13.963837
O	5.419736	5.339577	9.784419
Ti	0.752770	-3.470167	10.184109
O	0.606781	-3.180934	11.995238

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O	1.859055	-1.811806	9.771283
O	1.742944	-1.478346	14.000175
O	5.903125	-1.108731	20.687788
O	6.075400	-1.439368	16.473053
O	7.656060	2.420800	20.533961
O	7.779351	2.203643	16.630470
O	9.055739	4.344673	18.332352
Ti	8.832424	3.778904	16.536902
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Ti	7.225918	0.178307	16.553043
O	2.492251	-8.231798	20.462019
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Ti	3.688344	-6.627460	20.046141
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O	2.481632	-8.534825	16.348605
O	7.059607	-3.668061	20.763432
Ti	5.280934	-3.015864	20.219970
O	5.435824	-3.261853	18.392244
O	7.167053	-4.279347	15.937326
Ti	5.486041	-3.459255	16.492581
O	9.043455	-0.377131	16.117455
Ti	10.753433	-1.187037	16.665249
O	10.574609	-0.886061	18.475516
O	8.833056	-0.121346	20.870451
Ti	10.597788	-0.835195	20.388227
O	12.500249	-1.887116	20.809562
O	12.627208	-2.164321	16.569434
O	10.512311	3.656866	20.698176
O	10.680192	3.230932	16.078175
O	12.025078	0.393927	16.200799
Ti	12.419830	2.391865	16.476440
O	12.197443	2.418222	18.311502
O	11.859625	0.713749	20.411209
Ti	12.160077	2.708400	20.186812
O	13.505435	4.151535	20.110095
O	14.275899	1.556451	20.549912
O	14.472843	1.309679	16.620075
O	13.740010	3.862230	15.992831
O	15.712351	3.586406	18.293018
Ti	15.406541	2.986595	16.573243

O	17.178244	1.975408	16.020454
Ti	15.136906	3.264503	20.131074
O	17.100012	2.927729	20.651587
Ti	18.000547	1.222646	20.101111
Ti	17.742793	0.712440	17.349041
O	18.388414	-0.527866	20.999755
Ti	17.221140	-2.183074	20.671610
O	17.862353	-2.506028	18.955885
O	18.114282	-0.968993	16.775836
Ti	17.151823	-2.658955	17.216162
O	16.604217	0.631556	18.911443
O	16.977914	-4.192153	20.706273
O	15.551218	-1.288769	20.933940
Ti	13.771368	-0.411443	20.381235
O	19.077553	1.433007	18.581672
O	13.971573	-0.764229	18.572945
O	15.568095	-1.768864	16.414945
Ti	13.906303	-0.649358	16.689486
Ti	8.998509	-4.763446	16.526207
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Ti	8.786647	-4.370371	20.209566
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O	12.070563	-7.925088	20.355140
O	10.682150	-5.414305	20.601827
Ti	10.216653	-7.290051	19.925867
O	10.666638	-7.558666	18.132241
O	10.851415	-5.685582	16.309353
Ti	10.510095	-7.746254	16.253477
O	9.237834	-9.209258	16.232287
O	10.083049	-3.084029	16.148769
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Ti	15.300677	-5.115088	19.819623
O	15.795422	-4.240463	18.089004
O	17.408669	-4.029310	15.957830
Ti	15.679988	-4.916593	16.119876
O	15.743817	-6.820851	16.302935
O	15.630302	-7.103101	20.369315
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Ti	11.856884	-3.766537	20.281878
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Ti	-6.240176	1.432962	20.763118
O	-6.256771	3.274881	20.301191
O	-6.262625	3.140814	16.354406
O	-4.284279	0.753328	16.007871
Ti	-2.375888	0.195155	16.547623
O	-2.568231	0.437316	18.368885
O	-4.195359	1.700815	20.705935
Ti	-2.626738	0.605220	20.259256
O	-0.705454	-0.418403	20.704979
O	-0.511860	-0.751377	16.506619
Ti	-4.655218	4.244531	16.701321
O	-4.827941	5.131404	18.361576
Ti	-4.478599	3.727391	19.690836
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O	-2.745599	4.408588	16.208908
O	-1.306262	1.900749	16.218944
Ti	-0.830028	3.860360	16.641689
O	-1.272826	4.161467	18.446334
O	-1.409001	2.199129	20.406347
Ti	-1.043291	4.216268	20.308079
O	0.235889	5.670285	20.316693
O	1.028456	3.127739	20.550612
O	1.108931	2.918847	16.765462
O	0.384661	5.420661	16.168786
O	2.384323	5.101828	18.409046
Ti	2.173376	4.494409	16.625721
Ti	1.961121	4.845974	20.256105
Ti	0.443152	1.178007	20.287799
O	0.651217	0.997220	18.482081
Ti	0.654087	0.848525	16.580542
Ti	-8.734102	-4.765966	16.468298
Ti	-8.030545	-4.496596	19.225286
O	-8.760069	-2.925926	16.149437
Ti	-7.725330	-1.297464	16.207750
O	-8.348698	-0.704473	17.911209
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Ti	-7.589531	-0.851949	19.602590
O	-6.982866	-4.844999	17.606345
O	-7.193301	0.738745	16.094592
O	-6.021930	-2.191931	16.071974
Ti	-4.305170	-3.205218	16.570227
O	-9.572470	-4.980447	18.154918
O	-4.700749	-2.905884	18.366346
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Ti	-6.030259	-6.620511	16.650465
O	-7.976295	-6.529306	15.831493
O	-4.890807	-4.866916	20.204090

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Ti	-5.765654	-6.580360	20.174351
O	-7.464039	-5.464467	20.799725
O	-4.898571	-5.061213	16.120794
O	-1.172783	-7.246585	15.945863
O	-1.026438	-6.522995	20.607838
O	-2.591313	-3.909718	20.750224
Ti	-2.813334	-5.845948	20.186424
O	-2.692117	-5.936786	18.383613
O	-2.418076	-4.283141	16.453493
Ti	-2.852913	-6.322479	16.478096
O	-4.332024	-7.538782	16.665077
O	-3.041394	-1.695983	16.178897
O	-3.190620	-1.327833	20.205812
O	0.447736	-3.069403	20.758466
Ti	-1.316404	-2.349358	20.285338
O	-1.171587	-2.648412	18.459811
O	0.620171	-3.501420	16.033948
Ti	-1.115567	-2.782931	16.556726
O	2.421682	0.224915	16.105635
Ti	4.202359	-0.498549	16.600802
O	4.009807	-0.238802	18.426285
O	2.190418	0.502790	20.845163
Ti	3.985165	-0.079896	20.321414
O	3.903218	4.443082	20.756314
O	4.008977	3.969070	16.127095
O	5.286983	1.225827	16.187904
Ti	5.828096	3.196890	16.526382
O	5.549615	3.328784	18.350362
O	5.148651	1.544057	20.381086
Ti	5.602437	3.564219	20.233162
O	6.932029	5.007732	20.228358
O	7.110503	4.741376	16.044970
Ti	2.463011	-4.093693	16.546615
O	2.266134	-3.730674	18.342657
Ti	2.221867	-3.672941	20.255217
Ti	0.796968	-7.653682	16.403326
O	1.727143	-5.694338	19.972725
O	0.370657	-7.889697	18.275023
Ti	0.722625	-7.304352	20.018302
O	1.777561	-5.972810	16.142530
O	3.547533	-2.412379	16.147331
O	3.389860	-2.085432	20.390326
O	7.508580	-1.934369	27.219359
O	7.677296	-2.059738	22.891276
O	9.289282	1.496736	26.347775
O	9.386633	1.541197	23.015133
O	10.539882	3.816193	24.572743
Ti	10.359595	3.144414	22.807738
Ti	10.186234	3.152899	26.291938
Ti	8.702996	-0.415456	26.705253

O	8.855411	-0.742907	24.908998
Ti	8.946328	-0.514254	23.009153
O	4.122483	-8.394938	26.961538
O	7.175724	-8.641934	21.939118
O	7.359742	-7.526245	26.601533
O	5.651294	-5.328073	27.083977
Ti	5.452483	-7.160327	26.317859
O	5.616184	-7.458393	24.499040
O	5.892926	-5.617919	22.792948
Ti	5.572508	-7.707532	22.597766
O	4.262144	-9.142359	22.513437
O	8.634864	-4.634614	27.164125
Ti	6.968336	-3.822841	26.681568
O	6.951883	-3.911523	24.855099
O	8.659520	-5.080995	22.273259
Ti	7.139772	-4.042188	22.910293
O	10.756919	-1.032590	22.568060
Ti	12.452515	-1.903882	23.238087
O	12.006158	-1.054321	24.977295
O	10.287067	-0.648757	27.691735
Ti	11.856133	-1.192244	26.807481
O	13.569465	-2.284239	27.451830
O	14.409595	-2.765496	22.847672
O	11.892998	2.896016	27.061061
O	12.209035	2.585758	22.393195
O	13.639883	-0.221551	22.671758
Ti	13.919927	1.770010	22.864761
O	13.660217	2.028692	24.705374
O	13.212735	0.271693	27.282205
Ti	13.534656	2.078237	26.591286
O	14.951294	3.377990	27.003282
O	15.555539	0.879434	26.407070
O	15.945984	0.834355	22.920528
O	15.143193	3.355882	22.283138
O	16.920230	3.239878	24.455184
Ti	16.873583	2.509793	22.727224
O	18.597893	1.667920	22.178864
Ti	16.401485	2.556657	26.144319
O	18.119499	2.022956	26.685390
Ti	18.693800	0.439701	25.826408
Ti	18.969550	-0.122310	23.020426
O	19.118333	-0.810761	27.148787
Ti	18.159345	-2.464242	27.031563
O	19.171707	-2.974213	25.498004
O	20.061240	-1.674784	23.019023
Ti	18.998024	-3.105091	23.644718
O	17.525099	-0.358522	24.458129
O	17.708837	-4.265068	27.331280
O	16.514752	-1.693758	27.533213
Ti	14.933854	-0.997444	26.767111
O	19.935961	0.748654	24.492338
O	15.071373	-1.492029	25.010757

O	17.371869	-2.254495	22.799943
Ti	15.632999	-1.200792	23.196412
Ti	10.491279	-5.329675	23.017372
O	9.944672	-3.932995	24.367016
Ti	10.152923	-4.527781	26.092429
Ti	9.162211	-8.983711	22.379790
O	10.048667	-6.406218	24.959421
O	10.371251	-8.413109	26.779853
O	8.640743	-9.029799	24.238963
Ti	8.912606	-7.878623	25.667304
O	10.063159	-7.265344	22.279725
Ti	14.999386	-7.609825	25.412422
O	15.603722	-8.708551	24.045222
Ti	15.540871	-7.488012	22.518220
O	14.535476	-6.220658	24.196621
O	14.023872	-8.551091	21.770149
O	13.638762	-7.932748	26.670422
O	11.943599	-5.616749	26.563045
Ti	11.875980	-7.535159	26.042893
O	12.214020	-8.337387	24.372015
O	12.375353	-6.228077	22.824291
Ti	12.096009	-8.306814	22.474192
O	10.860809	-9.818440	22.371912
O	11.723245	-3.747370	22.494728
O	11.235685	-3.139453	26.944256
Ti	16.613903	-5.120982	26.035011
O	17.219574	-4.557991	24.299956
O	19.307679	-4.563014	22.507874
Ti	17.517743	-5.252017	22.417662
O	17.466067	-7.104337	22.497471
O	16.590118	-6.974816	26.235592
O	14.896334	-4.633252	26.651161
Ti	13.147983	-3.986857	26.438864
O	12.987404	-3.658710	24.620923
O	15.452791	-5.375616	22.160250
Ti	13.696558	-4.693434	22.911845
Ti	-4.096136	1.199218	23.206380
O	-4.134524	0.489899	24.976185
O	-5.262172	-0.337875	27.454331
Ti	-3.901064	0.803988	26.804523
O	-3.755715	2.708576	26.829936
O	-4.524931	3.058533	22.869454
O	-2.611412	0.271379	22.418313
Ti	-0.823822	-0.404863	23.038332
O	-0.709791	-0.180875	24.941516
O	-2.235248	0.315765	27.472746
Ti	-0.581817	-0.332675	26.782578
O	1.258795	-1.345527	27.202777
O	1.035926	-1.355932	22.904283
Ti	-2.853032	3.974494	22.989696
O	-2.871010	4.901803	24.641773
Ti	-2.365912	3.408874	25.771960

O	-2.313221	2.342723	24.149192
O	-0.814115	3.535143	26.759678
O	-0.938293	4.064831	22.456553
O	0.339890	1.276340	22.634514
Ti	0.837862	3.248219	22.872173
O	0.935634	3.302373	24.726914
O	0.716666	1.176911	27.230286
Ti	1.061624	3.016778	26.588677
O	2.353310	4.285232	27.228813
O	3.029458	1.978178	26.218717
O	2.813482	2.221938	22.938674
O	2.066976	4.813339	22.403760
O	4.109921	4.411529	24.632262
Ti	3.801234	3.837260	22.840378
Ti	3.935299	3.644019	26.333768
Ti	2.517310	0.074417	26.647284
O	2.539371	-0.261741	24.836765
Ti	2.290512	0.197172	23.003059
Ti	-6.628771	-5.087529	22.771443
Ti	-6.023600	-5.003065	25.535141
O	-7.066852	-3.256813	22.584525
Ti	-5.903811	-1.729487	22.771106
O	-5.829664	-1.511995	24.671812
O	-6.525304	-3.502503	26.526429
Ti	-5.409597	-1.953436	26.448035
O	-4.936151	-4.660087	23.966518
O	-5.757059	0.332534	22.475971
O	-4.270940	-2.675401	22.397946
Ti	-2.766350	-3.851452	23.070053
O	-7.452749	-5.550177	24.414859
O	-2.495079	-2.846962	24.708248
O	-3.910632	-2.900854	27.133635
Ti	-2.307938	-3.529537	26.396478
Ti	-3.935352	-7.536557	22.669981
O	-5.884506	-6.917727	22.233816
O	-2.707608	-5.387595	25.725183
O	-2.214992	-7.706451	26.985891
O	-4.225642	-7.985956	24.502624
Ti	-3.640829	-7.012884	25.979699
O	-5.293572	-6.343759	26.628917
O	-3.108182	-5.795914	22.555567
O	0.632572	-7.902891	22.094666
O	0.943262	-7.398794	27.032975
O	-0.592574	-4.758143	27.065571
Ti	-0.690273	-6.616305	26.451002
O	-0.525260	-6.814904	24.614482
O	-0.815071	-4.850492	22.911412
Ti	-0.937282	-6.912498	22.748932
O	-2.247156	-8.352295	22.624753
O	-1.409249	-2.297059	22.540610
O	-1.069004	-2.231647	27.245210
O	2.337667	-3.969490	27.427927

Ti	0.746936	-3.246343	26.728601
O	0.711948	-3.323158	24.894705
O	2.182472	-4.186971	22.384382
Ti	0.497869	-3.358420	22.952354
O	4.128481	-0.259974	22.498603
Ti	5.819951	-1.088941	23.044565
O	5.676301	-0.800089	24.932174
O	4.097985	-0.262386	27.594340
Ti	5.683786	-0.902119	26.788050
O	5.594877	3.339613	27.128110
O	5.662010	3.348557	22.422320
O	6.959510	0.581268	22.615574
Ti	7.410174	2.544332	22.868078
O	7.162357	2.636376	24.732947
O	6.922527	0.679281	27.195322
Ti	7.282566	2.561140	26.598795
O	8.626494	3.896606	27.073080
O	8.647714	4.094653	22.357548
Ti	4.053979	-4.628576	22.918776
O	3.858354	-3.802581	24.635428
Ti	3.913889	-4.235990	26.438741
Ti	2.591691	-8.269797	22.589351
O	3.451949	-6.112998	25.834796
O	2.190895	-8.565059	24.453688
Ti	2.539172	-7.756277	26.088704
O	3.451495	-6.541281	22.467436
O	5.184162	-2.973240	22.528872
O	5.128171	-2.808434	27.120808

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O	0.818964	0.710234	1.395743
O	0.955815	0.512991	-3.177525
O	2.531948	4.295104	1.476097
O	2.547609	3.869226	-1.893188
O	3.784462	6.336772	-0.506417
Ti	3.408264	5.533787	-2.132040
Ti	3.396793	6.020143	1.365056
Ti	1.928713	2.372340	1.028147
O	2.190425	1.551364	-0.689751
Ti	2.122082	1.974369	-2.489638
O	-2.610228	-6.355279	1.581875
O	0.492968	-5.659573	-3.169875
O	0.408589	-5.602833	1.500994
O	-0.934219	-2.846605	1.312597
Ti	-1.367795	-4.815121	1.074322
O	-1.088033	-4.940368	-0.786110
O	-0.840739	-2.997672	-3.253555
Ti	-1.210877	-4.877693	-2.647100
O	-2.553643	-6.209694	-3.109543
O	1.899401	-1.998145	1.407305
Ti	0.193183	-1.173920	0.880417
O	0.381579	-1.483319	-1.005669

O	1.940996	-2.071757	-3.692883
Ti	0.375457	-1.396493	-2.857693
O	3.714852	1.726152	-3.484735
Ti	5.251325	0.911880	-2.793700
O	5.281685	0.990966	-0.969572
O	3.819800	1.999517	1.560454
Ti	5.478052	1.164779	0.979283
O	7.390297	0.137385	1.374968
O	7.068012	-0.066774	-3.341919
O	5.354626	5.694647	1.872482
O	4.979369	5.144372	-3.135437
O	6.663341	2.437651	-2.946255
Ti	6.528262	4.307452	-2.468057
O	6.380901	4.595517	-0.657343
O	6.791787	2.642982	0.960040
Ti	6.918352	4.696055	1.202721
O	8.225353	6.146011	1.283202
O	9.084013	3.592108	1.443982
O	8.737810	2.827531	-1.224808
O	8.218417	5.075781	-2.948853
O	10.223112	5.637126	-0.541076
Ti	9.593940	4.456427	-1.829452
O	11.178572	3.882776	-2.688780
Ti	9.911403	5.321335	1.324241
O	11.888131	4.723546	1.719072
Ti	12.663352	2.932810	1.153828
Ti	12.105212	2.653956	-1.617413
O	13.162265	1.107220	1.336256
Ti	11.962547	-0.369605	1.125102
O	12.006386	-0.768771	-0.741628
O	12.555702	1.132760	-2.579445
Ti	11.393217	-0.406198	-2.494626
O	11.003958	2.409044	-0.032204
O	11.644583	-2.439027	1.372388
O	10.292501	0.534485	1.450388
Ti	8.752080	1.656639	0.716726
O	13.483526	3.348378	-0.519091
O	8.471563	0.231763	-0.736858
O	9.915013	0.635025	-3.117936
Ti	8.299990	1.112496	-2.318399
Ti	3.507400	-2.406052	-2.740461
O	3.489221	-2.011116	-0.946502
Ti	3.736576	-2.442543	0.900615
Ti	2.146195	-5.967039	-2.379918
O	3.262418	-4.476867	0.967975
O	4.038716	-7.046024	1.519662
O	1.973225	-6.721275	-0.679875
Ti	2.275063	-6.093383	1.102247
O	3.066285	-4.304035	-2.252900
Ti	9.077104	-5.983691	1.077074
O	9.198885	-6.955247	-0.555680
Ti	8.555875	-5.612642	-1.796363

O	8.558795	-4.411469	-0.269826
O	6.974425	-5.786932	-2.696242
O	7.125143	-6.119473	1.430115
O	5.712441	-3.475029	1.230329
Ti	5.256193	-5.466562	1.055456
O	5.180167	-5.627982	-0.794394
O	5.321159	-3.507640	-3.352560
Ti	5.030338	-5.327104	-2.645778
O	3.748920	-6.593934	-3.282515
O	4.755489	-0.975493	-3.315090
O	4.965259	-0.862537	0.968989
Ti	10.035019	-3.058561	0.439637
O	10.072655	-2.331062	-1.334562
O	11.290859	-1.895720	-3.730519
Ti	9.883808	-2.979069	-3.116440
O	9.887531	-4.869525	-2.917525
O	10.679408	-4.835954	1.255044
O	8.641243	-2.404584	1.513594
Ti	6.822423	-1.750443	0.822781
O	6.751491	-2.154743	-1.079725
O	8.198044	-2.607727	-3.763042
Ti	6.591151	-1.982056	-2.912112
Ti	-10.535170	2.878793	-2.290173
O	-11.131769	2.347648	-0.548832
O	-13.298384	2.449429	1.194533
Ti	-11.506891	3.149113	1.257977
O	-11.381825	4.989982	1.125252
O	-10.476244	4.732281	-2.523142
O	-8.795788	2.378475	-2.833433
Ti	-7.033922	1.749864	-2.615914
O	-6.886533	1.435152	-0.789087
O	-9.419709	3.157802	1.533542
Ti	-7.595985	2.520964	0.847283
O	-5.628056	1.509399	1.347408
O	-5.110107	0.894612	-3.043706
Ti	-8.899225	5.395281	-1.706722
O	-9.489866	6.531121	-0.367458
Ti	-9.448563	5.314036	1.166417
O	-8.418038	4.051583	-0.433270
O	-7.937454	6.373796	1.975666
O	-7.502678	5.691384	-2.921874
O	-5.828208	3.380237	-2.713272
Ti	-5.768349	5.312319	-2.202925
O	-6.116948	6.173850	-0.564976
O	-6.246344	4.033361	0.906542
Ti	-6.009117	6.091088	1.332527
O	-4.788467	7.601633	1.516683
O	-3.990798	5.049993	1.609823
O	-3.954177	4.191960	-1.106682
O	-4.273325	6.225470	-2.915655
O	-2.562525	6.811823	-0.331996
Ti	-2.843053	5.681821	-1.778707

Ti	-3.091222	6.758221	1.526751
Ti	-4.389563	3.094351	0.880106
O	-3.738166	1.749344	-0.466964
Ti	-4.039847	2.301033	-2.206765
Ti	-12.527409	-2.603120	-1.902071
Ti	-12.715176	-1.998649	0.945659
O	-13.022040	-1.406061	-3.275289
Ti	-12.092537	0.239322	-3.107211
O	-13.117367	0.752809	-1.590709
O	-13.953718	-0.557684	0.949953
Ti	-12.942241	0.882608	0.259861
O	-11.329402	-1.735185	-0.591752
O	-11.673087	2.029847	-3.545571
O	-10.380543	-0.480605	-3.395869
Ti	-8.774255	-1.258062	-2.751910
O	-13.708228	-2.899663	-0.544736
O	-8.658109	-0.859051	-0.972407
O	-11.332332	0.038641	1.158923
Ti	-9.560542	-0.989262	0.771836
Ti	-10.319619	-4.798330	-2.269092
O	-12.018396	-4.208420	-2.783594
O	-9.924288	-3.052991	0.953258
O	-9.078644	-5.524473	1.671849
O	-10.832734	-5.507553	-0.591734
Ti	-10.794132	-4.783203	1.133418
O	-12.532427	-3.860285	1.698949
O	-9.467224	-3.117645	-2.505446
O	-5.813346	-5.187889	-3.109130
O	-6.151079	-4.796521	1.544605
O	-7.563428	-1.955830	1.288359
Ti	-7.870269	-3.945716	1.086104
O	-7.576821	-4.257698	-0.764162
O	-7.076723	-2.531715	-3.330718
Ti	-7.439869	-4.328489	-2.635619
O	-8.854778	-5.616739	-3.099727
O	-7.449463	0.018847	-3.559022
O	-8.360132	0.635499	1.057930
O	-4.731187	-1.155005	1.374879
Ti	-6.431720	-0.311079	0.629685
O	-5.814840	-1.167877	-1.062724
O	-4.177047	-1.635003	-3.791956
Ti	-5.725200	-1.057612	-2.892071
O	-2.535117	2.357954	-3.296079
Ti	-0.902011	1.513007	-2.767182
O	-0.885783	1.616759	-0.943784
O	-2.578222	2.901989	1.692672
Ti	-1.154468	1.763836	0.997438
O	-1.134330	6.430913	2.026032
O	-1.328526	5.304362	-2.774924
O	0.391414	3.046546	-3.150005
Ti	0.526709	4.888294	-2.385396
O	0.326499	5.180592	-0.568883

O	0.107941	3.351509	1.125339
Ti	0.428683	5.434555	1.336345
O	1.723346	6.885393	1.414637
O	1.839524	6.168573	-2.999367
Ti	-2.621222	-1.901651	-2.773767
O	-2.770206	-1.540352	-0.985280
Ti	-2.948594	-1.750554	0.917264
Ti	-4.120822	-5.456826	-2.330981
O	-3.345925	-3.797018	0.915704
O	-4.484249	-6.099189	-0.611536
Ti	-4.333246	-5.396260	1.152485
O	-3.208447	-3.802738	-2.410499
O	-1.430014	-0.372810	-3.307717
O	-1.669645	-0.205582	1.037576
O	2.521298	0.086926	7.792769
O	2.619644	-0.168484	3.521699
O	4.249319	3.661399	7.818374
O	4.262141	3.445602	3.987496
O	5.618249	5.622881	5.690676
Ti	5.258926	5.061043	3.944320
Ti	5.217630	5.348192	7.567613
Ti	3.581919	1.780511	7.404221
O	3.742403	1.445205	5.593741
Ti	3.775320	1.422122	3.689146
O	-0.954733	-7.102955	7.855413
O	2.184755	-6.695333	3.167882
O	2.158785	-6.326227	7.773057
O	0.840005	-3.571220	7.707341
Ti	0.332816	-5.561262	7.385316
O	0.601892	-5.649840	5.556898
O	0.877334	-3.804911	3.532617
Ti	0.446541	-5.831765	3.680336
O	-0.891040	-7.250686	3.679562
O	3.683520	-2.583140	7.778825
Ti	1.910169	-1.822367	7.313202
O	2.044332	-2.030037	5.476770
O	3.843126	-2.751615	3.047936
Ti	2.041291	-2.185718	3.582432
O	5.535226	0.822598	3.143281
Ti	7.328775	0.142775	3.601705
O	7.172212	0.437314	5.429430
O	5.434488	1.184064	7.870307
Ti	7.173653	0.459846	7.331480
O	9.120440	-0.598335	7.709442
O	9.209939	-0.880628	3.665246
O	7.176399	4.959725	8.030671
O	7.004905	4.298753	3.318568
O	8.589388	1.700576	3.117620
Ti	8.800741	3.613036	3.755371
O	8.629681	3.705386	5.555027
O	8.454418	1.988683	7.453616
Ti	8.855160	4.027356	7.466318

O	10.315438	5.271907	7.277804
O	10.891601	2.807416	7.816453
O	10.871633	2.673282	3.763378
O	10.034162	5.293981	3.414416
O	12.351754	4.992409	5.401612
Ti	11.766572	4.373737	3.786405
O	13.431706	3.215866	3.151836
Ti	12.024507	4.379434	7.293991
O	13.975447	4.298484	8.091580
Ti	14.724422	2.526187	7.437054
Ti	13.949223	2.162863	4.707082
O	14.809114	0.681424	7.732362
Ti	13.779476	-0.946099	7.611077
O	14.308556	-1.604549	5.910819
O	13.992803	0.419650	4.314389
Ti	13.429699	-1.557958	4.241624
O	12.946453	2.594283	6.351363
O	13.268304	-2.990505	7.842964
O	12.063059	-0.076492	7.788139
Ti	10.352567	0.943923	7.316290
O	15.517255	2.697904	5.728153
O	10.674243	0.680426	5.504274
O	12.013501	-0.566113	3.206675
Ti	10.455091	0.637266	3.631191
Ti	5.604613	-3.388283	3.602583
O	5.359751	-3.284802	5.412347
Ti	5.471463	-3.190070	7.307819
Ti	4.127879	-7.083835	3.656348
O	5.079175	-5.270105	7.134338
O	5.806174	-7.762869	7.736377
O	3.772738	-7.423906	5.495820
Ti	4.009007	-6.835287	7.290946
O	5.048471	-5.360829	3.358449
Ti	10.854412	-6.582096	7.331308
O	10.994774	-7.483618	5.677489
Ti	10.546877	-6.082494	4.370870
O	10.350508	-5.009394	6.077329
O	9.209270	-6.712471	3.009155
O	8.913095	-6.810985	7.760176
O	7.447216	-4.237159	7.680035
Ti	7.033547	-6.212704	7.270077
O	7.466967	-6.428455	5.439978
O	7.442527	-4.409165	3.432858
Ti	7.138268	-6.421800	3.589865
O	5.890973	-7.874392	3.542008
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Ti	11.789062	-3.676444	6.705786
O	12.023376	-2.935029	4.955905
O	13.732372	-2.971290	2.997413
Ti	12.018847	-3.890586	2.884576
O	12.203136	-5.715768	3.509950

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Ti	8.487816	-2.503722	7.374124
O	8.430709	-2.595642	5.538073
O	10.128908	-4.048281	3.632900
Ti	8.657729	-2.802267	3.670241
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Ti	-9.196885	2.974691	8.463552
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Ti	-5.790676	1.575747	3.591702
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O	-7.533423	2.982972	7.402714
Ti	-5.963034	1.793318	7.343238
O	-3.984488	0.800100	7.806035
O	-3.892613	0.613377	3.521639
Ti	-7.915346	5.705371	4.003075
O	-7.943626	6.579868	5.646637
Ti	-7.890564	5.047665	6.879851
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Ti	-4.195070	5.085125	3.991856
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Ti	-1.232292	5.788166	4.098315
Ti	-1.428877	6.097041	7.699570
Ti	-2.872873	2.451101	7.456176
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Ti	-2.722097	2.174650	3.750625
Ti	-11.902864	-3.503837	3.693834
Ti	-11.196507	-3.137579	6.418575
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O	-11.886175	0.265286	5.040973
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Ti	-10.450989	0.533048	6.365813
O	-10.178850	-3.458197	4.732185
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O	-9.470642	-0.878896	2.971078
Ti	-7.754347	-1.745659	3.605952
O	-12.769596	-3.577935	5.330829

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Ti	-7.780849	-1.652590	7.340078
Ti	-9.234629	-5.313921	3.887466
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O	-9.684505	-5.925801	5.741114
Ti	-9.203824	-5.373804	7.414303
O	-10.950054	-4.264769	7.970233
O	-8.155413	-3.709845	3.288956
O	-4.478634	-5.867930	3.247555
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Ti	-6.239087	-4.676063	7.447217
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O	-6.486641	-0.269132	3.182626
O	-6.499972	-0.128734	7.360115
O	-2.918265	-1.946913	7.812847
Ti	-4.613530	-1.103782	7.278575
O	-4.462522	-1.248146	5.458480
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Ti	-4.566271	-1.352389	3.537266
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Ti	0.724923	0.745927	3.731659
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Ti	0.562157	1.122098	7.473600
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O	1.831448	2.437845	3.331458
Ti	2.297131	4.363429	3.912278
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O	0.021554	-0.903433	7.479613
O	4.202772	-0.607684	14.084066
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O	5.877971	2.999253	14.078540
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Ti	7.045441	4.385687	10.154709
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Ti	5.270563	1.085626	13.697610
O	5.457683	0.792908	11.891318
Ti	5.494702	0.759875	9.988970
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O	3.831602	-7.034385	14.057320
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Ti	2.007797	-6.267429	13.646559
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Ti	2.197755	-6.594205	9.929963
O	0.820001	-7.983810	9.922522
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Ti	3.584999	-2.527895	13.648721
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Ti	9.035573	-0.532968	10.048987
O	8.806256	-0.264322	11.849740
O	7.111998	0.524618	14.233143
Ti	8.860785	-0.197539	13.750899
O	10.787474	-1.255949	14.112099
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O	8.829335	4.284775	14.278125
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Ti	10.656099	3.054032	10.036924
O	10.436300	3.116787	11.846746
O	10.140388	1.341617	13.795390
Ti	10.549194	3.373088	13.758776
O	12.033335	4.602806	13.629973
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Ti	13.621406	3.764361	10.083668
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Ti	15.745278	1.525710	11.041378
O	16.493795	0.028332	14.113815
Ti	15.471643	-1.601524	14.020730
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Ti	15.185904	-2.182194	10.649226

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Ti	12.037656	0.264642	13.702538
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Ti	12.180505	0.054507	10.017433
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Ti	7.151351	-3.853636	13.664820
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Ti	8.892945	-7.122064	9.862183
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Ti	-4.104779	0.845676	10.097054
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Ti	-4.195789	1.107789	13.851230
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Ti	-6.359865	4.952578	10.215178
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Ti	-6.071034	4.420907	13.136463
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Ti	-2.659134	4.712760	13.910691
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O	-1.357653	6.026970	9.839986
O	0.760794	5.790110	12.056891
Ti	0.427415	5.104529	10.328148
Ti	0.299467	5.295106	13.865375
Ti	-1.025534	1.765683	13.823509
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Ti	-1.028610	1.460801	10.245714
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Ti	-9.701770	-3.763314	12.773210
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Ti	-9.355113	-0.643626	9.802067
O	-9.916584	-0.009807	11.517130
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Ti	-9.089157	-0.101646	13.194857
O	-8.623076	-4.179568	11.170591
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O	-7.661076	-1.549633	9.598019
Ti	-5.954291	-2.552930	10.065173
O	-11.233547	-4.276148	11.684264
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Ti	-7.579207	-6.029929	13.716287
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O	-4.353237	-5.392494	11.940385

O	-4.076699	-3.654993	9.951002
Ti	-4.491129	-5.680307	10.041785
O	-5.984117	-6.893075	10.205857
O	-4.709116	-1.044062	9.612618
O	-4.745748	-0.826970	13.893247
O	-1.218433	-2.656961	14.200754
Ti	-2.901685	-1.801315	13.686485
O	-2.743395	-2.035280	11.881218
O	-1.050272	-2.881836	9.491731
Ti	-2.789677	-2.118667	9.971247
O	0.719332	0.848116	9.611137
Ti	2.465004	0.064619	10.112287
O	2.218100	0.233399	11.941657
O	0.750518	1.482486	14.710563
Ti	2.220008	0.420735	13.837117
O	2.113635	4.914145	14.626389
O	2.209479	4.472565	9.755932
O	3.544080	1.797420	9.724351
Ti	4.043717	3.752515	10.181083
O	3.730998	3.940389	11.994788
O	3.384395	2.051356	13.837162
Ti	3.813673	4.099851	13.905563
O	5.141547	5.516452	13.947733
O	5.295252	5.327750	9.699700
Ti	0.772541	-3.534979	9.990965
O	0.581631	-3.299283	11.803977
Ti	0.587826	-3.256879	13.695483
Ti	-0.873201	-7.114720	10.005162
O	0.046459	-5.285190	13.545503
O	-1.288845	-7.405841	11.861941
Ti	-1.018823	-6.850508	13.651226
O	0.120075	-5.434552	9.686382
O	1.849362	-1.852130	9.611167
O	1.680491	-1.606944	13.829479
O	5.703310	-1.081269	20.433370
O	6.098904	-1.579060	16.204826
O	7.415700	2.477142	20.373983
O	7.649625	2.160357	16.472838
O	8.912944	4.336043	18.180082
Ti	8.694268	3.741970	16.402740
Ti	8.426124	4.152335	20.037569
Ti	6.724252	0.576616	20.017953
O	7.211039	0.303401	18.251176
Ti	7.161172	0.096777	16.373215
O	2.367326	-8.316539	20.411338
O	5.574218	-8.169838	15.642520
O	5.457041	-7.481053	20.342395
O	4.127274	-4.765351	20.351783
Ti	3.636538	-6.738185	19.921176
O	3.878149	-6.992303	18.107933
O	4.342717	-5.258059	16.156737
Ti	3.860852	-7.318521	16.212526

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O	6.961408	-3.682327	20.487095
Ti	5.168205	-2.975700	19.974557
O	5.374974	-3.405795	18.168887
O	7.161017	-4.404558	15.734203
Ti	5.484142	-3.590242	16.293671
O	8.971411	-0.447940	15.888724
Ti	10.706249	-1.198516	16.440087
O	10.448502	-0.907292	18.233418
O	8.606162	-0.027444	20.581254
Ti	10.373261	-0.742477	20.133239
O	12.316365	-1.801832	20.539185
O	12.576105	-2.163852	16.303329
O	10.377271	3.728110	20.538080
O	10.545630	3.204528	15.924072
O	11.932494	0.413951	15.996358
Ti	12.322234	2.410727	16.330252
O	12.125142	2.509433	18.152179
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O	13.455760	4.198543	19.994167
O	14.146812	1.614403	20.351739
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O	13.642867	3.890356	15.844014
O	15.650698	3.617229	18.161772
Ti	15.319620	3.012193	16.448710
O	17.041010	1.939188	15.899946
Ti	15.090646	3.300694	20.012432
O	17.039925	2.842354	20.543059
Ti	17.862033	1.105650	20.005827
Ti	17.567645	0.627208	17.237936
O	18.150853	-0.645615	20.886448
Ti	17.006182	-2.225633	20.518313
O	17.570769	-2.725349	18.784140
O	17.928256	-1.069548	16.684698
Ti	16.938418	-2.792322	16.996636
O	16.423576	0.604125	18.784813
O	16.490120	-4.251181	20.504209
O	15.324019	-1.285586	20.642921
Ti	13.592734	-0.311405	20.084611
O	18.933021	1.283858	18.463238
O	13.805948	-0.759059	18.301531
O	15.511276	-1.673344	16.110787
Ti	13.836917	-0.626521	16.425574
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O	14.220042	-8.783919	18.308978
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O	10.683513	-5.434735	20.375787
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Ti	10.531967	-7.791925	16.169205
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Ti	14.935425	-4.873617	19.323687
O	15.362959	-4.102037	17.651944
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Ti	12.038272	-4.097641	16.388121
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O	-1.259489	0.518607	18.133457
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Ti	-2.437835	0.590851	19.851690
O	-0.482268	-0.314079	20.421280
O	-0.393255	-0.949733	16.220532
Ti	-4.783400	4.296460	16.414226
O	-4.929352	5.205501	18.030758
Ti	-4.271793	3.864754	19.358181
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O	-1.258460	1.884582	16.084884
Ti	-1.222966	3.692102	16.951434
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Ti	-1.209834	4.282754	20.382586
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O	0.858251	3.173253	20.536064

O	0.724265	2.626181	17.553371
O	0.133031	4.793444	16.088257
O	2.211331	4.907576	18.313990
Ti	1.937491	4.039931	16.666743
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Ti	0.690660	0.622527	16.698292
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Ti	-7.982143	-4.328788	19.044997
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Ti	-7.646039	-1.324133	16.149453
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O	-8.057404	-2.578970	19.460642
Ti	-7.380143	-0.634568	19.470816
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O	-6.982163	0.647695	15.852698
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Ti	-1.197176	-2.265637	19.978451
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Ti	-1.056605	-2.980835	16.323197
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Ti	4.204417	-0.657765	16.365839
O	4.321890	-0.339313	18.165766
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Ti	3.561839	-0.015690	19.912057
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Ti	5.402621	3.602119	20.096926
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Ti	10.264365	3.234957	22.698510
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Ti	5.496223	-7.767748	22.489185
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Ti	12.148402	-1.478142	26.604130
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Ti	13.847642	1.833849	22.643252
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O	15.702833	0.966151	26.590355
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O	17.127260	3.091951	24.340735
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O	18.487081	2.083216	26.476290
Ti	19.222161	0.342819	25.835319
Ti	18.947279	-0.230996	23.051262
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Ti	18.638362	-3.162366	26.599944
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Ti	18.343989	-3.522930	23.599127
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Ti	15.324734	-1.045008	26.547208
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Ti	16.831536	-5.902236	21.669272
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O	15.098720	-5.334029	27.111453
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Ti	13.616883	-4.657197	22.835111
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Ti	-0.727063	-0.298747	22.651450
O	-1.691482	-0.128853	24.355668
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Ti	-1.137317	0.061374	26.257644
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O	1.060841	-1.246766	22.757149
Ti	-3.137473	3.749927	22.920603
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O	-1.212596	3.925474	22.399655
O	0.232612	1.395439	22.758347
Ti	0.709056	3.337038	22.860551
O	0.217848	3.846390	24.608130
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Ti	0.476922	3.653417	26.443852
O	1.752274	5.120597	26.525434
O	2.515041	2.577518	26.666933
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Ti	3.696293	4.043661	22.838170
Ti	3.470583	4.306314	26.428492
Ti	1.993928	0.606616	26.436647
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Ti	-6.002353	-1.435942	25.745766
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Ti	-2.568203	-3.781564	22.721061
O	-7.915999	-5.557632	24.245573
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O	-4.445617	-2.242859	26.761624
Ti	-2.850609	-3.407967	26.362752
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Ti	-4.126036	-7.165128	26.267767
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Ti	-1.168778	-6.392404	26.303684
O	-0.977051	-6.463978	24.502399
O	-0.715737	-4.823720	22.574309
Ti	-1.129071	-6.879514	22.603000
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O	2.058554	-3.606883	26.865419
Ti	0.272550	-2.913502	26.419661
O	0.430865	-3.168027	24.587384
O	2.217115	-4.157967	22.142762
Ti	0.572036	-3.293241	22.696874
O	3.860442	-0.377731	22.064966
Ti	5.614238	-1.068088	22.705640
O	5.437620	-0.839334	24.537589
O	3.770843	0.010240	27.009130
Ti	5.514337	-0.695184	26.439485
O	5.401582	3.836627	26.912741
O	5.467377	3.424406	22.271699
O	6.703490	0.666735	22.333284
Ti	7.267751	2.623047	22.675225
O	6.983600	2.747756	24.500962
O	6.681560	0.917037	26.519177
Ti	7.096668	2.936188	26.383873
O	8.398457	4.403757	26.396517
O	8.533441	4.175810	22.180587
Ti	4.059219	-4.744012	22.665166
O	3.821210	-4.383232	24.456965
Ti	3.803439	-4.300551	26.363943
Ti	2.449806	-8.318876	22.532811
O	3.344115	-6.329874	26.088591
O	2.002200	-8.549890	24.403318
Ti	2.350474	-7.944049	26.139434
O	3.410599	-6.630248	22.258603

O	5.063594	-3.025897	22.268237
O	4.950944	-2.706259	26.502960
O	9.010035	-2.466161	33.404783
O	9.222809	-2.656512	29.069636
O	10.830768	0.969665	32.561183
O	10.909501	0.948501	29.176195
O	12.041079	3.262287	30.709330
Ti	11.862943	2.565921	28.954258
Ti	11.727444	2.626752	32.444000
Ti	10.203235	-0.930499	32.893944
O	10.277498	-1.253177	31.094883
Ti	10.524985	-1.120999	29.195456
O	5.715168	-8.994714	33.117097
O	8.743828	-9.281507	28.133850
O	8.895466	-8.131769	32.915115
O	7.182349	-5.882522	33.246257
Ti	7.045407	-7.730732	32.504897
O	7.249586	-8.044496	30.692043
O	7.441852	-6.216849	28.980354
Ti	7.157436	-8.305070	28.791930
O	5.855059	-9.746060	28.708674
O	10.138109	-5.161927	33.423066
Ti	8.493616	-4.358220	32.871834
O	8.487004	-4.483500	31.045310
O	10.202258	-5.689460	28.504512
Ti	8.689354	-4.626952	29.105453
O	12.316169	-1.673892	28.783514
Ti	14.084745	-2.475798	29.498128
O	13.308147	-1.685457	31.195749
O	11.760124	-1.208751	33.916852
Ti	13.316592	-1.752567	33.013039
O	15.121697	-2.746579	33.599672
O	16.039603	-3.496410	29.002261
O	13.462112	2.416944	33.157335
O	13.715441	2.038906	28.529814
O	15.125644	-0.772062	28.716214
Ti	15.451309	1.214352	28.917508
O	15.207316	1.560872	30.750430
O	14.679417	-0.221020	33.308860
Ti	15.079185	1.566282	32.637530
O	16.558371	2.812611	32.997177
O	17.082457	0.299370	32.361755
O	17.434065	0.213129	28.915902
O	16.695732	2.772644	28.254747
O	18.479444	2.598878	30.329917
Ti	18.421170	1.826355	28.599198
O	20.062848	0.941023	28.005937
Ti	17.941846	1.979944	32.034307
O	19.634161	1.380035	32.574677
Ti	20.113672	-0.235437	31.705448
Ti	20.344791	-0.838382	28.822352
O	20.597249	-1.437703	33.078090

Ti	19.718330	-3.104852	32.842677
O	20.799539	-3.597088	31.363165
O	21.670267	-2.240136	28.794985
Ti	20.721087	-3.667000	29.514601
O	18.897083	-1.071007	30.397114
O	19.397044	-4.795499	33.593326
O	17.961347	-2.434538	32.886079
Ti	16.321983	-1.512873	32.582533
O	21.299081	0.038521	30.341535
O	15.935855	-1.825429	30.806881
O	18.993122	-2.916354	28.831333
Ti	17.187038	-1.869035	29.184295
Ti	12.022050	-5.904017	29.297270
O	11.468622	-4.530440	30.655766
Ti	11.685260	-5.104187	32.385108
Ti	10.704317	-9.572395	28.652448
O	11.544326	-6.993411	31.274699
O	11.859648	-9.008273	33.105869
O	10.170740	-9.623237	30.508202
Ti	10.440491	-8.481909	31.949516
O	11.592686	-7.864227	28.562578
Ti	16.479862	-8.235350	31.880649
O	17.066649	-9.388561	30.556233
Ti	17.043014	-8.202845	28.993361
O	16.003354	-6.900299	30.609648
O	15.529388	-9.266466	28.189378
O	15.084414	-8.538598	33.104123
O	13.462017	-6.186593	32.858138
Ti	13.369209	-8.119303	32.385139
O	13.696703	-8.973316	30.738268
O	13.864507	-6.862275	29.228562
Ti	13.618920	-8.924168	28.839748
O	12.395993	-10.428414	28.660095
O	13.286718	-4.329003	28.831592
O	12.782040	-3.726402	33.263664
Ti	18.117595	-5.733920	32.524088
O	18.623202	-5.332198	30.744213
O	20.886621	-5.365469	28.836855
Ti	19.066548	-6.032912	28.967861
O	18.964951	-7.886886	29.062651
O	18.024714	-7.582163	32.772496
O	16.405892	-5.206973	33.136002
Ti	14.684369	-4.546494	32.772463
O	14.627597	-4.250621	30.943069
O	16.994950	-6.081799	28.583766
Ti	15.225234	-5.361178	29.298277
Ti	-2.520969	0.664158	29.297708
O	-2.552214	-0.084331	31.064396
O	-3.703684	-0.896835	33.557852
Ti	-2.342487	0.242332	32.888942
O	-2.221275	2.148302	32.954776
O	-3.002764	2.539251	29.053062

O	-1.052147	-0.248683	28.452224
Ti	0.660269	-0.983119	29.180392
O	0.875711	-0.648895	31.072764
O	-0.684414	-0.225040	33.594355
Ti	0.987705	-0.819811	32.907012
O	2.821288	-1.851183	33.346147
O	2.551860	-1.898358	29.012553
Ti	-1.338407	3.450587	29.157305
O	-1.312432	4.374033	30.809030
Ti	-0.818337	2.866728	31.926892
O	-0.786823	1.800155	30.305171
O	0.724010	3.012570	32.929278
O	0.560272	3.404007	28.572473
O	1.840319	0.694293	28.728848
Ti	2.359962	2.646929	29.015676
O	2.441769	2.753850	30.869633
O	2.274135	0.676181	33.394350
Ti	2.603782	2.514617	32.732837
O	3.892186	3.799254	33.345121
O	4.579906	1.480377	32.378794
O	4.322938	1.646509	29.111788
O	3.572455	4.227135	28.561205
O	5.650480	3.884556	30.760267
Ti	5.322260	3.259434	28.989132
Ti	5.485984	3.148630	32.474406
Ti	4.078220	-0.418081	32.796040
O	4.081446	-0.763715	30.988509
Ti	3.830078	-0.382917	29.134512
Ti	-5.058479	-5.675603	28.860298
Ti	-4.537678	-5.472890	31.639995
O	-5.480771	-3.845241	28.666907
Ti	-4.306219	-2.316522	28.870899
O	-4.326317	-2.053283	30.766985
O	-5.071937	-3.987959	32.634914
Ti	-3.889867	-2.486052	32.532400
O	-3.410270	-5.170821	30.085181
O	-4.180086	-0.250485	28.601421
O	-2.664482	-3.260907	28.528254
Ti	-1.173354	-4.420084	29.315397
O	-5.906065	-6.123327	30.509192
O	-0.879166	-3.012421	30.767623
O	-2.381096	-3.491670	33.120354
Ti	-0.728213	-3.902731	32.350196
Ti	-2.305872	-8.096712	28.730606
O	-4.259999	-7.485207	28.328781
O	-1.165736	-5.621138	31.257074
O	-0.633686	-7.887932	32.963467
O	-2.642583	-8.432170	30.582693
Ti	-2.012059	-7.246689	31.866025
O	-3.615184	-6.697519	32.715132
O	-1.483915	-6.362399	28.597402
O	2.229796	-8.528272	28.207282

O	2.584342	-7.957893	33.211407
O	0.901033	-5.241904	32.968449
Ti	1.059320	-7.111057	32.506255
O	1.252064	-7.357824	30.695130
O	0.780286	-5.403228	29.062834
Ti	0.689405	-7.462628	28.847127
O	-0.615100	-8.910481	28.787693
O	0.171103	-2.892740	28.624095
O	0.504804	-2.739794	33.369893
O	3.843131	-4.558688	33.526140
Ti	2.322039	-3.721977	32.818506
O	2.305007	-3.783196	30.989910
O	3.734365	-4.815171	28.494156
Ti	2.090096	-3.915425	29.046194
O	5.628599	-0.947431	28.622761
Ti	7.363999	-1.679575	29.191017
O	7.174172	-1.366567	31.075877
O	5.636883	-0.789163	33.755318
Ti	7.209024	-1.444792	32.928682
O	7.138603	2.852630	33.278434
O	7.157516	2.710923	28.573575
O	8.474118	-0.013659	28.761190
Ti	8.925865	1.935406	29.025803
O	8.684908	2.078102	30.891997
O	8.421591	0.161320	33.348047
Ti	8.817689	2.039352	32.752111
O	10.161922	3.380051	33.210603
O	10.129707	3.500081	28.515933
Ti	5.611564	-5.228689	29.056019
O	5.376421	-4.387513	30.764809
Ti	5.455248	-4.807910	32.566568
Ti	4.179134	-8.880785	28.739941
O	5.032437	-6.705610	31.968727
O	3.781647	-9.188443	30.608671
Ti	4.161132	-8.361021	32.223345
O	5.030550	-7.153409	28.622753
O	6.741176	-3.577834	28.678797
O	6.630254	-3.358412	33.252816

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O	2.140335	2.144863	2.139738
O	2.104329	2.045978	-2.613839
O	4.255300	5.446783	1.939126
O	4.219313	5.099780	-1.513507
O	5.738867	7.334269	-0.069794
Ti	5.297432	6.622168	-1.734773
Ti	5.278129	7.086745	1.765890
Ti	3.424996	3.618195	1.643779
O	3.461801	2.932242	-0.111025
Ti	3.466991	3.313961	-1.942402
O	5.005757	2.722227	-2.850024
Ti	6.480999	1.837112	-2.101213

O	6.520628	1.921010	-0.252432
O	5.143959	2.849387	2.239702
Ti	6.685299	1.796371	1.665822
O	8.507919	0.587880	2.189376
O	8.204444	0.669426	-2.623437
O	7.146399	6.486664	2.312132
O	6.863058	6.067348	-2.641106
O	7.968967	3.202905	-2.492794
Ti	8.348271	5.059314	-2.043614
O	8.180394	5.178912	-0.186873
O	8.093775	3.255024	1.728576
Ti	8.536683	5.256554	1.659768
O	9.980929	6.573452	1.704977
O	10.537773	3.922606	1.917126
O	10.310001	3.621938	-1.420008
O	9.976522	5.973096	-2.596076
O	11.963942	5.970266	-0.137024
Ti	11.380772	5.127814	-1.677147
O	13.010928	4.334327	-2.316234
Ti	11.540353	5.573168	1.684568
O	13.459049	4.841953	2.051383
Ti	14.125740	3.064382	1.425074
Ti	13.690510	2.904485	-1.342649
O	14.418532	1.196094	2.176047
Ti	12.886583	-0.085468	1.752513
O	12.740189	-0.143622	-0.129284
O	13.842332	1.324768	-2.291140
Ti	12.464489	-0.007275	-1.981162
O	12.635178	2.665937	0.279031
O	11.472651	1.089128	2.365705
Ti	9.839186	2.029243	1.698161
O	15.154938	3.281706	-0.123773
O	9.695129	1.306369	-0.046803
O	11.044811	1.001030	-2.657650
Ti	9.576597	1.832652	-1.823567
O	0.155018	-1.181119	2.013497
O	0.174082	-1.288789	-2.419824
Ti	1.447165	0.307293	1.627678
O	1.605083	0.175046	-0.246031
Ti	1.479772	0.185193	-2.114497
O	-3.884223	-7.874924	2.141154
O	-0.942699	-7.461640	-2.594979
O	-0.915998	-7.349896	2.177342
O	-1.893267	-4.559436	2.054029
Ti	-2.554072	-6.423701	1.671197
O	-2.380688	-6.539517	-0.183813
O	-1.938845	-4.627843	-2.524421
Ti	-2.497320	-6.460753	-2.059168
O	-4.015224	-7.583780	-2.550663
O	1.026483	-3.930115	2.228936
Ti	-0.589351	-3.023120	1.608490
O	-0.502254	-3.261178	-0.271003

O	0.968212	-3.962585	-2.929681
Ti	-0.532934	-3.158762	-2.144453
O	2.977239	-0.637378	-2.882913
Ti	4.478756	-1.449983	-2.100445
O	4.410378	-1.497484	-0.254664
O	3.020375	-0.698120	2.202937
Ti	4.683813	-1.604283	1.648424
O	6.602712	-2.806617	1.992735
O	6.312260	-2.556129	-2.519262
O	5.807234	-0.019149	-2.401504
O	6.016508	-0.113833	1.698185
O	12.641739	-1.980197	1.870846
Ti	11.143767	-3.105718	1.717674
O	10.760906	-2.880199	-0.171188
O	12.174068	-1.763101	-2.555922
Ti	10.690315	-2.853358	-2.014736
O	11.017635	-4.988826	1.882888
O	9.478620	-2.240390	2.267264
Ti	7.819883	-1.282652	1.708327
O	7.826474	-1.274627	-0.192456
O	9.194110	-1.997766	-2.702607
Ti	7.623072	-1.166166	-2.041612
Ti	2.508954	-4.546812	-2.019834
O	2.486222	-4.331968	-0.189327
Ti	2.673489	-4.799926	1.658953
Ti	0.688440	-7.957074	-1.832535
O	1.885946	-6.707398	1.600536
O	2.366446	-9.386477	2.123925
O	0.394137	-8.707206	-0.125737
Ti	0.753258	-8.232527	1.672058
O	1.742815	-6.385374	-1.738588
Ti	7.231633	-8.515634	1.625994
O	7.479739	-9.469662	0.050478
Ti	6.977067	-8.032795	-1.145845
O	6.709558	-6.953409	0.501925
O	5.466053	-8.227524	-2.181339
O	5.341945	-8.895849	2.099915
O	4.463816	-6.104696	2.046087
Ti	3.701623	-7.941724	1.654817
O	3.624450	-7.953649	-0.194505
O	4.212204	-5.811670	-2.586111
Ti	3.615863	-7.615192	-2.051980
O	2.205276	-8.745141	-2.712917
O	3.895191	-3.303091	-2.663734
O	4.160543	-3.533214	1.783475
Ti	9.425581	-6.029868	1.823722
O	9.204421	-5.777400	-0.049678
O	10.375893	-4.667871	-2.544718
Ti	8.956163	-5.711292	-1.913705
O	8.498604	-7.567884	-2.108275
O	9.015764	-7.963090	2.325174
O	7.696836	-5.340708	2.374675

Ti	5.956754	-4.767608	1.593625
O	5.746356	-4.551697	-0.306720
O	7.339355	-5.100499	-2.642665
Ti	5.645300	-4.411177	-2.136480
Ti	-8.978352	5.655319	-2.371748
O	-9.397790	5.451686	-0.540380
O	-11.351604	5.121911	1.660346
Ti	-9.723244	5.935316	1.241314
O	-9.460048	7.719148	1.733436
O	-8.558700	7.511448	-2.208911
O	-7.344290	5.053589	-2.991608
Ti	-5.732691	4.376865	-2.213781
O	-5.877156	4.532130	-0.412512
O	-8.209531	5.153955	2.090198
Ti	-6.222442	4.897219	1.499270
O	-4.374794	3.715199	2.159266
O	-3.967259	3.281202	-2.607616
Ti	-7.100222	7.985188	-1.134996
O	-7.563038	9.252555	0.205812
Ti	-7.565781	8.081618	1.708420
O	-6.881855	6.708544	0.402334
O	-5.909243	8.742860	2.548295
O	-5.618288	8.232631	-2.177887
O	-4.300996	5.822679	-2.557716
Ti	-3.782164	7.614040	-1.878574
O	-3.983370	7.971158	-0.043410
O	-4.751393	6.270765	1.886133
Ti	-4.043903	8.276672	1.821749
O	-2.657190	9.612661	1.845625
O	-2.140066	6.942989	2.011979
O	-1.939863	6.404416	-1.420036
O	-2.373559	8.721376	-2.550418
O	-0.546111	8.738329	-0.012927
Ti	-0.847320	7.946317	-1.676571
Ti	-1.064296	8.572958	1.817480
Ti	-3.003048	5.101912	1.677565
O	-2.814710	4.350822	-0.043177
Ti	-2.664295	4.587578	-1.900260
O	-10.397405	4.671365	-3.139801
O	-1.139604	4.040607	-2.837703
Ti	0.372047	3.177380	-2.118356
O	0.306848	3.328751	-0.282636
O	-1.261036	4.354726	2.236697
Ti	0.309139	3.376310	1.655901
O	0.822195	7.966373	2.315453
O	0.707186	7.421564	-2.555562
O	1.811549	4.605794	-2.525450
Ti	2.281138	6.445506	-2.006426
O	2.089224	6.610007	-0.165525
O	1.702061	4.827000	1.732142
Ti	2.289824	6.821645	1.706161
O	3.725410	8.128049	1.784718

O	3.821787	7.469970	-2.574614
Ti	-10.789848	2.919582	-2.513183
O	-11.082777	3.088037	-0.640827
O	-12.946979	2.454711	1.754138
Ti	-11.347677	3.295963	1.203945
O	-9.270941	1.966577	-2.891818
Ti	-7.727163	1.122281	-2.120587
O	-8.029959	1.273577	-0.324515
O	-9.881295	2.435704	2.023505
Ti	-8.163249	1.507143	1.615495
O	-6.245585	0.340418	2.015322
O	-5.910170	-0.031251	-2.290698
O	-6.409366	2.510724	-2.607596
O	-6.817479	2.927553	1.510773
Ti	-4.975857	1.861128	1.612813
O	-4.593133	1.559075	-0.213145
Ti	-4.610451	1.441645	-2.084110
Ti	-13.551961	-2.698569	-0.947427
Ti	-13.696187	-2.283267	1.886322
O	-13.765531	-1.288750	-2.145045
Ti	-12.429860	0.089186	-2.310524
O	-12.542638	0.551958	-0.475290
O	-14.361399	-0.468569	1.920168
Ti	-12.972579	0.640333	1.341919
O	-12.237383	-2.266201	0.477370
O	-12.232872	1.796706	-3.077628
O	-11.077948	-0.966599	-3.006195
Ti	-9.678741	-1.901461	-2.123984
O	-14.827995	-2.822491	0.426727
O	-9.802993	-1.509375	-0.350405
O	-11.564091	-0.366746	2.163572
Ti	-10.233348	-1.788607	1.507113
Ti	-11.587103	-5.212198	-1.463391
O	-13.239435	-4.320469	-1.817332
O	-10.727705	-3.781459	1.717214
O	-10.247534	-6.383406	2.287291
O	-12.145826	-5.902772	0.218043
Ti	-11.883132	-5.272349	1.960698
O	-13.420134	-4.133712	2.612229
O	-10.541996	-3.678629	-1.844353
O	-7.168196	-6.173068	-2.497902
O	-7.199085	-5.842801	2.201276
O	-8.332465	-3.022525	2.034198
Ti	-8.849720	-4.944698	1.755795
O	-8.683601	-5.119270	-0.096310
O	-8.063583	-3.317263	-2.512154
Ti	-8.646931	-5.116227	-1.983330
O	-10.261449	-6.203655	-2.332852
O	-8.263544	-0.720107	-2.813739
O	-8.783150	-0.388675	1.703606
O	-5.383246	-2.456196	2.197021
Ti	-7.001910	-1.515077	1.583490

O	-6.725267	-1.913987	-0.252673
O	-5.165094	-2.712565	-2.941643
Ti	-6.626408	-1.888002	-2.128834
O	-3.139649	0.616132	-2.887884
Ti	-1.625392	-0.163946	-2.093997
O	-1.784533	-0.116473	-0.260801
O	-3.363430	0.925891	2.224588
Ti	-1.732011	0.022861	1.672301
O	-0.321016	1.304193	-2.455780
O	-0.369548	1.459843	1.646312
Ti	-3.621314	-3.320708	-2.037576
O	-3.721474	-3.048062	-0.221917
Ti	-3.740321	-3.318335	1.673393
Ti	-5.489598	-6.687095	-1.776197
O	-4.413947	-5.262559	1.553803
O	-5.866621	-7.361111	-0.054616
Ti	-5.527361	-6.788353	1.706821
O	-4.442102	-5.138136	-1.812519
O	-2.246552	-2.041806	-2.647870
O	-2.369094	-1.903953	1.788626
O	3.689734	1.226272	8.727281
O	3.813540	1.088257	4.290755
O	5.885261	4.323178	7.895253
O	5.857695	4.447781	4.526753
O	7.310372	6.546779	6.133684
Ti	6.970799	5.973981	4.372975
Ti	6.931514	5.872619	7.855860
Ti	5.064381	2.505534	8.118192
O	5.164240	2.234499	6.302113
Ti	5.184702	2.503174	4.406218
O	6.826745	1.640306	3.882253
Ti	8.445697	0.699584	4.496119
O	8.168626	1.098370	6.331971
O	6.609324	1.897075	9.021162
Ti	8.070563	1.073571	8.208373
O	9.707281	-0.095162	8.893832
O	10.227146	-0.425719	4.375794
O	8.610768	5.360044	8.576136
O	8.642612	5.028407	3.878993
O	9.774743	2.208224	4.045881
Ti	10.292997	4.130226	4.324517
O	10.127389	4.304519	6.177067
O	9.506920	2.503771	8.591735
Ti	10.089959	4.303242	8.064335
O	11.705080	5.390176	8.413266
O	11.986297	2.865097	7.927479
O	12.170408	2.968027	4.362532
O	11.690120	5.569242	3.792999
O	13.589377	5.088761	5.862662
Ti	13.325947	4.459145	4.119734
O	14.863443	3.320255	3.467778
Ti	13.030972	4.398381	7.544880

O	14.683371	3.507867	7.898880
Ti	14.995378	1.885269	7.028714
Ti	15.138540	1.470834	4.194733
O	15.209154	0.474619	8.224782
Ti	13.873474	-0.902625	8.390780
O	13.985336	-1.364896	6.555161
O	15.804327	-0.343810	4.161630
Ti	14.415629	-1.452971	4.737545
O	13.680166	1.454249	5.604405
O	12.521255	0.152153	9.086931
Ti	11.122404	1.088432	8.205193
O	16.270764	2.010035	5.654037
O	11.245443	0.697464	6.431024
O	13.008344	-0.443442	3.916897
Ti	11.675770	0.975789	4.573608
O	1.764703	-2.118963	8.535090
O	1.814009	-2.275078	4.432293
Ti	3.069378	-0.651217	8.172638
O	3.228438	-0.699402	6.339358
Ti	3.176395	-0.838422	4.406276
O	-2.377146	-8.283457	8.654372
O	0.621562	-8.781483	3.763874
O	0.737645	-8.234869	8.635202
O	-0.367246	-5.419993	8.603963
Ti	-0.839857	-7.259618	8.085719
O	-0.645192	-7.424687	6.244730
O	-0.258098	-5.641683	4.347386
Ti	-0.846166	-7.636012	4.372739
O	-2.281378	-8.942794	4.295310
O	2.583957	-4.854646	8.915667
Ti	1.071802	-3.991471	8.197110
O	1.136634	-4.142080	6.361397
O	2.705352	-5.169944	3.842942
Ti	1.134986	-4.191809	4.422691
O	4.806900	-1.742873	3.854247
Ti	6.420223	-2.678387	4.465295
O	6.037110	-2.374250	6.290611
O	4.583714	-1.431020	8.967011
Ti	6.054189	-2.255801	8.161837
O	7.852510	-3.326310	8.685899
O	8.261981	-3.741894	4.569636
O	7.688897	-1.156289	4.063123
O	7.353941	-0.784250	8.369407
O	13.677245	-2.610557	9.158093
Ti	12.234444	-3.732689	8.594079
O	12.527297	-3.902687	6.721026
O	14.390848	-3.267095	4.326519
Ti	12.792658	-4.108709	4.876987
O	11.841839	-5.486536	9.221183
O	10.714407	-2.781308	8.971686
Ti	9.171077	-1.936741	8.200201
O	9.473910	-2.087365	6.403911

O	11.326250	-3.248604	4.056824
Ti	9.607124	-2.321439	4.463951
Ti	4.447924	-5.917799	4.399261
O	4.259984	-5.166175	6.120817
Ti	4.108230	-5.401600	7.977905
Ti	2.508806	-9.387929	4.262263
O	3.383747	-7.218782	7.498338
O	3.818149	-9.534819	8.630069
O	1.990169	-9.553737	6.092906
Ti	2.291839	-8.760665	7.756424
O	3.584337	-7.758751	4.068098
Ti	8.545907	-8.798581	7.214602
O	9.010241	-10.066093	5.874385
Ti	9.012349	-8.895929	4.371323
O	8.327300	-7.522626	5.676858
O	7.355067	-9.556122	3.532258
O	7.062778	-9.046041	8.255718
O	5.744328	-6.636825	8.637496
Ti	5.226332	-8.427937	7.958091
O	5.427180	-8.784968	6.122381
O	6.196849	-7.086460	4.190196
Ti	5.487894	-9.092117	4.257543
O	4.101247	-10.427994	4.233743
O	5.820194	-4.531403	3.917716
O	5.410678	-4.095404	8.685269
Ti	10.423341	-6.468866	8.452014
O	10.843776	-6.267308	6.620786
O	12.797254	-5.935209	4.420075
Ti	11.169050	-6.748631	4.839839
O	10.906543	-8.532768	4.346013
O	10.003189	-8.325108	8.289973
O	8.788377	-5.867058	9.070276
Ti	7.176128	-5.189759	8.292509
O	7.319393	-5.347761	6.491374
O	9.656127	-5.966436	3.990618
Ti	7.667742	-5.712456	4.579444
Ti	-7.976823	5.218289	4.257200
O	-7.757972	4.967111	6.130991
O	-8.928891	3.856579	8.625717
Ti	-7.509792	4.901263	7.994499
O	-7.053269	6.758077	8.191955
O	-7.569273	7.151643	3.755848
O	-6.249521	4.526656	3.705356
Ti	-4.510640	3.944460	4.483266
O	-4.304031	3.737350	6.383429
O	-5.893241	4.289102	8.723382
Ti	-4.201175	3.597024	8.214145
O	-2.451442	2.488858	8.742490
O	-2.714756	2.715399	4.294459
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O	-6.033285	8.664146	6.032692
Ti	-5.532637	7.226435	7.229591

O	-5.268600	6.147431	5.582967
O	-4.020217	7.418221	8.263646
O	-3.897480	8.080408	3.979693
O	-3.020605	5.287656	4.032852
Ti	-2.257618	7.124980	4.423198
O	-2.179363	7.136757	6.272652
O	-2.768365	4.997831	8.663071
Ti	-2.172634	6.802153	8.130452
O	-0.760976	7.932606	8.791983
O	-0.301186	5.571082	7.819945
O	-0.441772	5.891565	4.478613
O	-0.922258	8.570705	3.955269
O	1.049015	7.891286	6.204305
Ti	0.689692	7.416774	4.407882
Ti	0.754061	7.144238	7.912242
Ti	-1.064120	3.732486	8.099007
O	-1.042140	3.516727	6.268152
Ti	-1.229402	3.983302	4.420057
O	-9.568925	4.177022	4.197692
O	0.418142	3.115065	3.850039
Ti	2.033700	2.207725	4.470430
O	1.944886	2.445458	6.349740
O	0.475098	3.148097	9.009193
Ti	1.976422	2.344073	8.223393
O	2.386707	6.648275	8.674025
O	2.360204	6.535146	3.901327
O	3.337503	3.743591	4.024839
Ti	3.998463	5.608427	4.407139
O	3.820748	5.722633	6.262324
O	3.382093	3.812711	8.603382
Ti	3.939016	5.645654	8.138038
O	5.455958	6.770651	8.627379
O	5.327839	7.060538	3.939391
Ti	-9.697139	2.294338	4.363120
O	-9.314408	2.068908	6.251069
O	-10.728067	0.951512	8.635993
Ti	-9.243241	2.042274	8.095594
O	-8.033970	1.426105	3.811776
Ti	-6.376770	0.465938	4.370917
O	-6.383398	0.459060	6.268492
O	-7.748306	1.184952	8.782930
Ti	-6.178674	0.351979	8.120991
O	-4.363901	-0.796803	8.479903
O	-4.573439	-0.703271	4.381986
O	-5.157741	1.989244	4.085376
O	-4.868337	1.743304	8.596167
Ti	-3.034752	0.636677	8.179083
O	-2.965678	0.682230	6.333469
Ti	-3.240029	0.785950	4.430292
Ti	-12.681401	-3.876197	4.654755
Ti	-12.244650	-3.716745	7.422384
O	-12.974070	-2.007801	3.904073

Ti	-11.442585	-0.724584	4.327526
O	-11.295776	-0.668095	6.209688
O	-12.396587	-2.136747	8.370465
Ti	-11.019040	-0.804375	8.060574
O	-11.190187	-3.479374	5.800650
O	-11.196155	1.169954	4.210626
O	-10.030102	-1.901699	3.714111
Ti	-8.397703	-2.843614	4.381920
O	-13.710545	-4.092893	6.202871
O	-8.252194	-2.120021	6.125859
O	-9.599674	-1.812965	8.737494
Ti	-8.132871	-2.646368	7.902030
Ti	-10.098515	-6.387690	4.396066
O	-12.016289	-5.654897	4.028726
O	-8.866803	-4.435167	7.499455
O	-8.533263	-6.786162	8.677028
O	-10.521224	-6.784209	6.217326
Ti	-9.937457	-5.941253	7.756703
O	-11.567472	-5.145902	8.395439
O	-9.095067	-4.736686	4.162581
O	-5.702383	-7.300732	3.768185
O	-5.418773	-6.881193	8.721065
O	-6.525496	-4.017215	8.572438
Ti	-6.904448	-5.873744	8.123718
O	-6.738694	-5.994819	6.266936
O	-6.651605	-4.070552	4.351775
Ti	-7.094100	-6.071896	4.420440
O	-8.538903	-7.387763	4.375084
O	-7.065130	-1.404111	3.889692
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O	-3.561327	-3.534917	8.928923
Ti	-5.037223	-2.651168	8.180654
O	-5.077749	-2.737162	6.332067
O	-3.699829	-3.663801	3.839808
Ti	-5.242642	-2.613362	4.413657
O	-1.576163	-0.118676	3.875799
Ti	-0.002560	-1.122669	4.452286
O	-0.160695	-0.989799	6.325477
O	-1.533521	-0.176336	8.962182
Ti	-0.035880	-0.999304	8.194052
O	1.289153	0.365911	4.064885
O	1.270279	0.473719	8.499873
Ti	-1.980969	-4.432747	4.435316
O	-2.017626	-3.745329	6.189768
Ti	-2.023033	-4.127590	8.021696
Ti	-3.834124	-7.900988	4.314608
O	-2.775581	-5.913311	7.592667
O	-4.295320	-8.148838	6.149351
Ti	-3.852930	-7.435507	7.815377
O	-2.810871	-6.261525	4.140798
O	-0.696119	-2.959992	3.938452
O	-0.660667	-2.860260	8.693957

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O	2.097319	2.188440	1.974746
O	2.052076	2.105615	-2.749974
O	4.192708	5.531968	1.861207
O	4.133030	5.163034	-1.494573
O	5.685120	7.430154	-0.122697
Ti	5.223473	6.673026	-1.763192
Ti	5.241836	7.165553	1.716856
Ti	3.389639	3.695135	1.488420
O	3.403828	2.917776	-0.239665
Ti	3.406925	3.384265	-2.048922
O	4.926946	2.854096	-3.019007
Ti	6.397197	1.940322	-2.286427
O	6.440917	1.998506	-0.437205
O	5.133833	2.944262	2.054138
Ti	6.640437	1.817938	1.472422
O	8.458195	0.612382	1.951198
O	8.094874	0.777295	-2.863897
O	7.124952	6.551449	2.236273
O	6.791636	6.145745	-2.671758
O	7.876721	3.329420	-2.663363
Ti	8.315868	5.159182	-2.099138
O	8.168242	5.240196	-0.249562
O	8.053326	3.295616	1.586302
Ti	8.526094	5.307830	1.614275
O	10.044049	6.524049	1.702105
O	10.554670	3.898102	1.838248
O	10.237965	3.742926	-1.629183
O	9.922189	6.162469	-2.599000
O	11.969575	6.037862	-0.158891
Ti	11.332014	5.268633	-1.733704
O	12.958100	4.535040	-2.427541
Ti	11.624953	5.513480	1.640253
O	13.565682	4.824503	2.135122
Ti	14.129221	3.059694	1.354756
Ti	13.588029	3.093364	-1.408049
O	14.295688	1.188708	1.681990
Ti	12.865919	-0.055033	1.502774
O	12.394480	-0.075596	-0.355201
O	13.669988	1.501504	-2.355282
Ti	12.297326	0.147534	-2.193180
O	12.525928	2.976849	0.194097
O	11.347254	1.006084	2.093750
Ti	9.779954	2.073828	1.449512
O	15.097629	3.372700	-0.242471
O	9.575440	1.426424	-0.318820
O	10.921595	1.155955	-2.973419
Ti	9.476834	1.963967	-2.092143
O	0.115505	-1.193430	1.823866
O	0.135601	-1.277249	-2.596649
Ti	1.404487	0.329137	1.459470

O	1.532956	0.192528	-0.421660
Ti	1.428987	0.230638	-2.288745
O	-4.039261	-7.904210	2.074599
O	-0.981887	-7.434432	-2.657686
O	-0.992993	-7.483583	2.013999
O	-1.972786	-4.589962	1.860528
Ti	-2.633726	-6.484961	1.590009
O	-2.476593	-6.577991	-0.272446
O	-2.004976	-4.635679	-2.657389
Ti	-2.564510	-6.457474	-2.145522
O	-4.083760	-7.582378	-2.647976
O	0.942227	-4.060309	1.989446
Ti	-0.640993	-3.040111	1.442149
O	-0.567816	-3.255917	-0.447754
O	0.894373	-3.999540	-3.107057
Ti	-0.582197	-3.151873	-2.314421
O	2.905566	-0.573334	-3.109870
Ti	4.407219	-1.380126	-2.311046
O	4.334410	-1.442401	-0.469457
O	3.009579	-0.677450	1.976627
Ti	4.681741	-1.601799	1.420661
O	6.577853	-2.780625	1.768214
O	6.226330	-2.444703	-2.777400
O	5.715077	0.085895	-2.573323
O	5.999504	-0.103564	1.487419
O	12.773646	-1.955942	1.684717
Ti	11.226778	-3.020861	1.454784
O	10.868607	-2.826783	-0.428471
O	12.101312	-1.605882	-2.851463
Ti	10.671311	-2.745219	-2.279246
O	11.122562	-4.929152	1.632702
O	9.562901	-2.162219	2.009980
Ti	7.843393	-1.286183	1.473282
O	7.773243	-1.233681	-0.425595
O	9.138910	-1.885184	-2.890331
Ti	7.546149	-1.066819	-2.266635
Ti	2.452476	-4.500355	-2.172053
O	2.434496	-4.214267	-0.352962
Ti	2.675811	-4.829264	1.451581
Ti	0.656742	-7.913956	-1.898647
O	1.927777	-6.753523	1.527864
O	2.368762	-9.441582	2.057855
O	0.398815	-8.720310	-0.214251
Ti	0.773851	-8.242026	1.586948
O	1.732739	-6.354464	-1.726064
Ti	7.328881	-8.270102	1.717452
O	7.393409	-9.256317	0.079039
Ti	6.905928	-7.868884	-1.111090
O	6.565931	-6.736393	0.490912
O	5.433231	-8.090939	-2.216738
O	5.409174	-9.029084	2.022642
O	4.432585	-6.155775	1.808143

Ti	3.778092	-8.071322	1.510620
O	3.579087	-8.090880	-0.319687
O	4.116908	-5.758257	-2.753219
Ti	3.565180	-7.561217	-2.159222
O	2.148307	-8.656968	-2.865157
O	3.803801	-3.241304	-2.871397
O	4.174591	-3.553331	1.543128
Ti	9.477493	-5.819132	1.458957
O	9.074570	-5.302326	-0.347422
O	10.315043	-4.533338	-2.866328
Ti	8.832530	-5.483584	-2.188697
O	8.384656	-7.344559	-2.129831
O	9.139993	-7.689770	1.714224
O	7.823705	-5.031748	2.087506
Ti	5.952954	-4.764426	1.322372
O	5.712339	-4.478848	-0.590197
O	7.243352	-4.952065	-3.043278
Ti	5.575932	-4.322136	-2.406904
Ti	-9.034866	5.480755	-2.035867
O	-9.377900	5.083134	-0.226064
O	-11.617982	5.000144	1.588468
Ti	-9.812431	5.648258	1.587862
O	-9.632882	7.501728	1.631066
O	-8.725726	7.338968	-2.145907
O	-7.431609	4.940940	-2.848403
Ti	-5.717415	4.328502	-2.343772
O	-5.707966	4.330689	-0.527910
O	-7.791128	5.665503	2.029765
Ti	-6.063562	4.908953	1.311444
O	-4.288915	3.691858	1.965372
O	-3.926142	3.265983	-2.732531
Ti	-7.166270	7.935730	-1.264650
O	-7.746097	9.108899	0.091070
Ti	-7.699017	7.871082	1.573703
O	-6.747739	6.645498	0.094031
O	-6.045083	8.780852	2.368905
O	-5.722159	8.244138	-2.397073
O	-4.332770	5.821734	-2.618653
Ti	-3.920691	7.668321	-1.968327
O	-4.106488	8.206509	-0.165420
O	-4.628678	6.295802	1.617970
Ti	-4.158100	8.328497	1.715885
O	-2.772116	9.666047	1.872735
O	-2.188180	7.016431	1.946552
O	-2.108060	6.452403	-1.331066
O	-2.452740	8.701824	-2.645830
O	-0.657483	8.819228	-0.036699
Ti	-0.977149	7.960531	-1.668933
Ti	-1.158010	8.653257	1.804234
Ti	-2.915861	5.125824	1.513333
O	-2.691778	4.204656	-0.138220
Ti	-2.676481	4.607415	-1.969853

O	-10.430153	4.628389	-3.023735
O	-1.146727	4.164986	-2.952752
Ti	0.323127	3.214567	-2.242543
O	0.264253	3.337453	-0.402797
O	-1.151882	4.554992	2.179120
Ti	0.292932	3.403849	1.536419
O	0.738800	8.094019	2.321445
O	0.577240	7.435074	-2.552771
O	1.763826	4.667296	-2.606085
Ti	2.195299	6.504018	-2.034591
O	1.984489	6.702655	-0.199174
O	1.665189	4.882582	1.615212
Ti	2.201398	6.917408	1.677525
O	3.661945	8.193276	1.748975
O	3.738251	7.509181	-2.614941
Ti	-10.874292	2.827863	-2.717307
O	-11.365420	2.959850	-0.883229
O	-13.095090	2.382328	1.594195
Ti	-11.536914	3.261272	0.945718
O	-9.328682	1.897638	-3.078222
Ti	-7.720022	1.117929	-2.369789
O	-7.991531	1.328826	-0.560205
O	-9.928389	2.516043	1.666479
Ti	-8.190828	1.557672	1.358080
O	-6.336567	0.364668	1.821949
O	-5.922655	-0.059408	-2.523832
O	-6.374499	2.468015	-2.886856
O	-6.830011	2.990837	1.402108
Ti	-5.015991	1.863509	1.402429
O	-4.647929	1.451110	-0.407842
Ti	-4.606930	1.415879	-2.286479
Ti	-13.575700	-2.760839	-1.139998
Ti	-13.660842	-2.223238	1.715335
O	-13.820565	-1.400565	-2.406873
Ti	-12.518719	-0.003569	-2.586900
O	-12.774816	0.532753	-0.766223
O	-14.559183	-0.492920	1.631239
Ti	-13.209616	0.631148	1.031002
O	-12.226875	-2.313684	0.216454
O	-12.273406	1.683559	-3.382048
O	-11.117286	-1.052361	-3.193918
Ti	-9.694165	-1.923985	-2.285077
O	-14.804352	-2.853723	0.247696
O	-9.811529	-1.443295	-0.527057
O	-11.836312	-0.485379	1.861233
Ti	-10.285847	-1.781256	1.305374
Ti	-11.627381	-5.227551	-1.530237
O	-13.269325	-4.409574	-1.997932
O	-10.843770	-3.736591	1.667114
O	-10.450609	-6.344822	2.318547
O	-12.223448	-5.855656	0.170117
Ti	-12.041231	-5.210980	1.923039

O	-13.556652	-4.056787	2.524587
O	-10.555303	-3.703193	-1.948984
O	-7.223654	-6.181023	-2.560694
O	-7.397308	-5.951338	2.099033
O	-8.431775	-3.012807	1.839739
Ti	-9.017509	-4.953294	1.688662
O	-8.822636	-5.138970	-0.163186
O	-8.095260	-3.348008	-2.623918
Ti	-8.714113	-5.131756	-2.054164
O	-10.318278	-6.248325	-2.394149
O	-8.286579	-0.743600	-3.008521
O	-8.870491	-0.322712	1.535583
O	-5.484448	-2.468400	2.003391
Ti	-7.092707	-1.491410	1.403567
O	-6.786361	-1.879732	-0.428903
O	-5.207954	-2.768584	-3.119046
Ti	-6.650546	-1.899173	-2.306997
O	-3.145808	0.595212	-3.110129
Ti	-1.647028	-0.163882	-2.266595
O	-1.818242	-0.112844	-0.434663
O	-3.387338	0.957687	2.045051
Ti	-1.761024	0.023525	1.498760
O	-0.371931	1.343466	-2.615662
O	-0.415902	1.485332	1.515111
Ti	-3.667913	-3.326163	-2.180834
O	-3.799385	-2.998486	-0.374147
Ti	-3.795992	-3.320956	1.512376
Ti	-5.544386	-6.685518	-1.838329
O	-4.507796	-5.263285	1.485749
O	-5.944183	-7.353893	-0.122201
Ti	-5.638277	-6.765590	1.645910
O	-4.483347	-5.141302	-1.862948
O	-2.293383	-2.046878	-2.806144
O	-2.411999	-1.908068	1.623092
O	3.643752	1.363075	8.390319
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O	5.761619	4.679720	8.246601
O	5.809145	4.522116	4.381050
O	7.333598	6.551415	6.086631
Ti	6.966689	6.025703	4.322919
Ti	6.832444	6.298599	7.924047
Ti	4.917248	2.851120	7.925918
O	5.104842	2.641724	6.116765
Ti	5.124174	2.580134	4.194339
O	6.709686	1.592090	3.690268
Ti	8.360366	0.684955	4.238940
O	8.200822	0.899642	6.069854
O	6.602713	1.928933	8.476534
Ti	8.229331	0.964304	7.978221
O	10.093693	-0.268312	8.435645
O	10.176292	-0.444109	4.223454
O	8.701751	5.586894	8.408340

O	8.619257	5.047055	3.784595
O	9.705440	2.184838	3.796426
Ti	10.274452	4.084984	4.172664
O	10.047981	4.129365	5.997850
O	9.626944	2.427157	8.050953
Ti	10.172696	4.401202	7.867021
O	11.683233	5.684803	7.713426
O	12.138423	3.061101	8.158522
O	12.195099	2.872872	4.260204
O	11.737047	5.488866	3.767866
O	13.818105	4.907710	5.869944
Ti	13.354720	4.368652	4.164328
O	14.887813	3.098188	3.514550
Ti	13.210399	4.647766	7.707728
O	15.089493	3.883262	8.131904
Ti	15.736915	2.087238	7.550829
Ti	15.493657	1.782721	4.755874
O	15.898142	0.294235	8.425256
Ti	14.367453	-1.130177	8.172613
O	14.633707	-1.302458	6.302608
O	15.872204	0.073673	4.115939
Ti	14.532419	-1.267040	4.457021
O	14.327876	1.701962	6.287781
O	12.963234	0.100555	8.634981
Ti	11.388032	1.186476	7.956023
O	16.859017	2.275452	6.039560
O	11.582537	0.884142	6.153512
O	13.074597	-0.244642	3.773574
Ti	11.545270	0.951419	4.250844
O	1.635852	-1.995540	8.356865
O	1.777551	-2.275893	4.145748
Ti	2.915046	-0.489973	7.899829
O	3.113343	-0.668373	6.074397
Ti	3.143355	-0.822819	4.148870
O	-2.417210	-8.751052	8.302927
O	0.654755	-8.745967	3.697826
O	0.656651	-8.217363	8.333120
O	-0.380463	-5.412524	8.357601
Ti	-1.047082	-7.291815	7.907559
O	-0.790339	-7.416116	6.084104
O	-0.262921	-5.694449	4.072928
Ti	-0.902015	-7.649800	4.207202
O	-2.377113	-8.949858	4.196476
O	2.595477	-4.722109	8.406304
Ti	0.895175	-3.849786	7.890567
O	1.068458	-4.141801	6.069642
O	2.817039	-5.016597	3.656312
Ti	1.104585	-4.207382	4.158528
O	4.784830	-1.739500	3.639165
Ti	6.412430	-2.682534	4.189567
O	6.162361	-2.505293	6.018280
O	4.557633	-1.437445	8.463004

Ti	6.194230	-2.370233	7.932958
O	8.070666	-3.587527	8.318951
O	8.285075	-3.742701	4.347691
O	7.727764	-1.210364	3.778193
O	7.607917	-0.973090	7.972801
O	13.966907	-2.960989	8.396701
Ti	12.582082	-4.284165	8.212184
O	12.715544	-4.275712	6.291367
O	14.361516	-3.089776	4.014561
Ti	12.875079	-4.203343	4.439333
O	12.341348	-6.185175	8.698926
O	10.955656	-3.320516	8.586119
Ti	9.417539	-2.138190	7.965853
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Ti	9.653837	-2.361553	4.236030
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O	4.326831	-5.863894	5.925592
Ti	4.156474	-5.707325	7.848026
Ti	2.521834	-9.449370	4.178666
O	3.460144	-7.661329	7.611025
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O	1.988685	-9.735870	5.994385
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O	9.027801	-10.771774	6.123429
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O	7.033788	-9.658480	8.247866
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Ti	5.304213	-8.762156	7.802927
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Ti	5.544542	-9.101263	4.122275
O	4.160556	-10.441690	4.180520
O	5.816749	-4.568925	3.679178
O	5.524735	-4.305329	7.958157
Ti	10.616566	-7.195175	7.977235
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O	12.736229	-6.008224	3.833028
Ti	11.227567	-6.973380	4.407568
O	10.738798	-8.839427	4.231601
O	10.656873	-9.183931	8.412903
O	9.020230	-6.295583	8.523272
Ti	7.337164	-5.433145	7.899301
O	7.464616	-5.759636	6.045953
O	9.579714	-6.233224	3.811009
Ti	7.701713	-5.663503	4.176944
Ti	-7.722047	5.570004	4.182651
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O	-9.841677	4.382476	8.327351
Ti	-8.333876	5.347786	7.751755
O	-7.844167	7.213433	7.928151
O	-7.762583	7.558233	3.746947
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Ti	-4.443798	3.805946	4.260149
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Ti	-4.808410	4.036452	7.982601
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Ti	-6.168177	7.618512	7.221198
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O	-4.139641	8.032284	3.911563
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Ti	-2.410333	7.135349	4.356374
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Ti	-2.650798	7.473746	8.036980
O	-1.266771	8.814302	7.978642
O	-0.786374	6.217749	8.235382
O	-0.566799	6.034427	4.548494
O	-1.090572	8.605632	3.952803
O	0.905084	8.108262	6.165178
Ti	0.603203	7.532235	4.399779
Ti	0.371752	7.822038	7.980939
Ti	-1.579234	4.346401	8.056681
O	-1.433934	4.236809	6.233771
Ti	-1.263029	4.080476	4.311013
O	-9.446782	4.559249	3.460427
O	0.298016	3.095289	3.752884
Ti	1.997886	2.222495	4.268673
O	1.824640	2.514292	6.089718
O	0.076502	3.389722	8.502882
Ti	1.788652	2.580003	8.000758
O	2.239000	7.119070	8.461799
O	2.237007	6.590324	3.826055
O	3.273793	3.785259	3.801804
Ti	3.940455	5.664520	4.251844
O	3.683419	5.788665	6.075303
O	3.156057	4.067138	8.086595
Ti	3.795225	6.022490	7.952147
O	5.270523	7.322697	7.962825
O	5.310552	7.123790	3.856541
Ti	-9.687343	2.658356	3.947490
O	-9.820706	2.650476	5.868461
O	-11.467137	1.464207	8.144893
Ti	-9.980535	2.577286	7.720368
O	-8.061489	1.694070	3.573882

Ti	-6.523852	0.510886	4.193926
O	-6.899490	0.665457	5.992893
O	-8.456559	1.658433	8.404901
Ti	-6.760447	0.734381	7.923686
O	-4.834607	-0.416906	8.381307
O	-4.714403	-0.654144	4.186772
O	-5.176953	1.960186	3.840734
O	-5.391841	2.115946	7.812265
Ti	-3.519319	1.054770	7.969832
O	-3.269421	0.878620	6.141187
Ti	-3.300761	0.743155	4.226450
Ti	-12.843449	-3.713239	4.609018
Ti	-12.600393	-3.408612	7.404020
O	-13.004479	-1.920445	3.734094
Ti	-11.473730	-0.495642	3.987225
O	-11.741505	-0.323278	5.857073
O	-12.978628	-1.699543	8.044283
Ti	-11.638657	-0.358738	7.702550
O	-11.434424	-3.328220	5.872180
O	-11.072007	1.334973	3.763798
O	-10.070218	-1.727228	3.524983
Ti	-8.494951	-2.813259	4.203403
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O	-10.181147	-1.381313	8.385961
Ti	-8.652504	-2.578110	7.908449
Ti	-10.317408	-6.274684	4.451703
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Ti	-10.461716	-5.995342	7.995063
O	-11.995015	-4.725090	8.644832
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O	-5.808446	-7.213484	3.751307
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O	-6.812817	-3.811901	8.363019
Ti	-7.381317	-5.712120	7.986860
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Ti	-7.279798	-6.028182	4.292367
O	-8.790335	-7.311672	4.445627
O	-7.200422	-1.358776	3.723919
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O	-3.816530	-3.219326	8.469008
Ti	-5.467433	-2.312283	7.920501
O	-5.307851	-2.527143	6.089660
O	-3.709276	-3.555686	3.682920
Ti	-5.336190	-2.591553	4.181216
O	-1.664044	-0.189403	3.696409
Ti	-0.021675	-1.137350	4.259446
O	-0.220391	-0.958972	6.084904

O	-1.891544	0.112356	8.520049
Ti	-0.250202	-0.804463	8.010375
O	1.257407	0.368301	3.802355
O	1.115751	0.648601	8.013632
Ti	-2.024087	-4.478391	4.233475
O	-2.211748	-4.268956	6.042645
Ti	-2.230968	-4.207305	7.965057
Ti	-3.939260	-7.925637	4.235431
O	-2.915821	-6.149357	7.778431
O	-4.440276	-8.178478	6.072905
Ti	-4.073234	-7.652503	7.836656
O	-2.868042	-6.306719	3.912786
O	-0.750470	-2.990385	3.769012
O	-0.903863	-2.746739	8.031551
O	5.186458	0.419893	14.965281
O	5.305529	0.281124	10.536542
O	7.376521	3.515125	14.023022
O	7.401173	3.636360	10.673769
O	8.837401	5.727136	12.281882
Ti	8.531487	5.138845	10.513604
Ti	8.437356	5.058387	13.998329
Ti	6.560703	1.699448	14.340415
O	6.692329	1.372462	12.533640
Ti	6.689265	1.693875	10.647023
O	8.377765	0.841418	10.156071
Ti	9.985846	-0.135679	10.756112
O	9.679057	0.252021	12.588606
O	8.100754	1.141507	15.278649
Ti	9.543077	0.272015	14.466713
O	11.179418	-0.883184	15.168628
O	11.763989	-1.304090	10.624316
O	10.116558	4.554671	14.720454
O	10.290494	4.324915	10.060364
O	11.324634	1.385949	10.320060
Ti	11.910761	3.326587	10.470829
O	11.714804	3.511878	12.322669
O	10.986647	1.720990	14.783635
Ti	11.606617	3.504821	14.213548
O	13.210497	4.622196	14.553549
O	13.447614	2.076808	14.109831
O	13.736569	2.110086	10.492369
O	13.343463	4.718594	9.840957
O	15.115811	4.229360	11.989916
Ti	14.934160	3.584850	10.236654
O	16.449024	2.429545	9.636609
Ti	14.519698	3.601247	13.690432
O	16.161417	2.784670	14.158446
Ti	16.468314	1.134934	13.300268
Ti	16.552960	0.596934	10.444753
O	16.713608	-0.224980	14.567266
Ti	15.412395	-1.621858	14.746879
O	15.667117	-2.158095	12.926239

O	17.453090	-1.132769	10.529056
Ti	16.103513	-2.257317	11.128667
O	15.119091	0.687672	11.944395
O	14.010107	-0.574202	15.353442
Ti	12.586830	0.297434	14.445265
O	17.696484	1.228033	11.912220
O	12.703649	-0.182666	12.687088
O	14.730900	-1.139332	10.298558
Ti	13.178602	0.154976	10.854668
O	3.265136	-2.970608	14.774892
O	3.308964	-3.112601	10.644248
Ti	4.540107	-1.463339	14.425851
O	4.711569	-1.514314	12.593982
Ti	4.654521	-1.650833	10.660559
O	-0.844425	-9.135852	14.774301
O	2.155307	-9.720880	9.837855
O	2.316792	-9.062321	14.711765
O	1.129399	-6.294541	14.764880
Ti	0.698859	-8.131367	14.193810
O	0.909207	-8.330128	12.358383
O	1.228223	-6.509777	10.544171
Ti	0.692242	-8.544614	10.481622
O	-0.768189	-9.820309	10.410032
O	4.039807	-5.792104	15.112477
Ti	2.570154	-4.841546	14.401709
O	2.629149	-4.964767	12.561943
O	4.045592	-6.181714	9.979963
Ti	2.600378	-5.031090	10.622739
O	6.280971	-2.584769	10.114279
Ti	7.909131	-3.490411	10.757278
O	7.541408	-3.077784	12.567506
O	6.038697	-2.222368	15.269725
Ti	7.499973	-3.042714	14.445952
O	9.267733	-4.095003	15.046506
O	9.723505	-4.617810	10.757475
O	9.229985	-1.991482	10.337584
O	8.815802	-1.567586	14.684345
O	15.167560	-3.309224	15.541914
Ti	13.768714	-4.453094	14.877115
O	14.259521	-4.585986	13.043658
O	15.989130	-4.007919	10.566045
Ti	14.430648	-4.886752	11.214381
O	13.324705	-6.256148	15.184318
O	12.222604	-3.523869	15.237880
Ti	10.613485	-2.745217	14.529862
O	10.884453	-2.955390	12.720091
O	12.821962	-4.142071	10.494126
Ti	11.084135	-3.184510	10.802013
Ti	5.809328	-6.752653	10.646674
O	5.585182	-5.831693	12.297879
Ti	5.569622	-6.234504	14.128882
Ti	4.051998	-10.280236	10.355240

O	5.001576	-8.079517	13.488472
O	5.347330	-10.328899	14.805358
O	3.551523	-10.447343	12.196103
Ti	3.871247	-9.588136	13.828111
O	5.081572	-8.643135	10.213532
Ti	10.061130	-9.561633	13.424250
O	10.640888	-10.735287	12.068915
Ti	10.593803	-9.497515	10.586085
O	9.641779	-8.272404	12.065027
O	8.939650	-10.407095	9.789384
O	8.616575	-9.869792	14.556256
O	7.226170	-7.448577	14.778432
Ti	6.814477	-9.295236	14.127803
O	6.999870	-9.833023	12.324941
O	7.521921	-7.922552	10.541492
Ti	7.052117	-9.955234	10.443456
O	5.666478	-11.292725	10.286181
O	7.182386	-5.318837	10.194035
O	6.819393	-4.893122	14.891820
Ti	11.929375	-7.106505	14.195544
O	12.272193	-6.709114	12.386186
O	14.512056	-6.625977	10.571249
Ti	12.706423	-7.274497	10.571801
O	12.527322	-9.127687	10.528732
O	11.620696	-8.964858	14.305288
O	10.325702	-6.566596	15.006978
Ti	8.610789	-5.955933	14.503179
O	8.601108	-5.957630	12.687320
O	10.685594	-7.291155	10.130261
Ti	8.957023	-6.536357	10.847955
Ti	-6.583465	4.193032	10.701143
O	-6.179946	3.675633	12.507413
O	-7.420752	2.908385	15.026627
Ti	-5.938564	3.857075	14.348695
O	-5.490727	5.718068	14.289756
O	-6.245778	6.063558	10.446050
O	-4.930295	3.405084	10.072013
Ti	-3.059726	3.137360	10.837164
O	-2.819173	2.851555	12.749740
O	-4.349490	3.325607	15.203681
Ti	-2.682786	2.693833	14.566537
O	-0.910504	1.614069	15.030514
O	-1.281388	1.925777	10.616316
Ti	-4.434531	6.644159	10.443032
O	-4.498910	7.630224	12.081791
Ti	-4.011719	6.242108	13.271342
O	-3.672124	5.109989	11.669042
O	-2.539286	6.464258	14.377202
O	-2.515131	7.402241	10.136752
O	-1.539475	4.528508	10.351122
Ti	-0.884351	6.443798	10.648740
O	-0.685577	6.463279	12.478952

O	-1.223604	4.131042	14.912839
Ti	-0.671632	5.934011	14.318862
O	0.746441	7.030396	15.024719
O	1.161054	4.727310	13.886617
O	0.965586	5.126321	10.631546
O	0.524811	7.814271	10.101759
O	2.494719	7.093109	12.374050
Ti	2.119806	6.614787	10.572305
Ti	2.236772	6.286694	14.058682
Ti	0.440773	2.873311	14.331751
O	0.458185	2.587959	12.512490
Ti	0.217467	3.202075	10.707525
O	-8.228190	3.304199	10.527790
O	1.950889	2.432929	10.169857
Ti	3.534294	1.412639	10.717234
O	3.460493	1.628872	12.607063
O	1.997940	2.372476	15.266697
Ti	3.475180	1.524691	14.473700
O	3.875376	5.808039	14.817650
O	3.886581	5.856479	10.145364
O	4.866076	2.962581	10.298881
Ti	5.526931	4.857506	10.569727
O	5.369887	4.950695	12.431676
O	4.897997	3.008691	14.816973
Ti	5.457491	4.830471	14.304847
O	6.976831	5.955877	14.807390
O	6.932341	6.277113	10.084881
Ti	-8.332687	1.394614	10.705373
O	-7.974095	1.200776	12.588804
O	-9.207121	-0.020679	15.011431
Ti	-7.777240	1.118258	14.439251
O	-6.669505	0.535264	10.149730
Ti	-4.950174	-0.341261	10.686296
O	-4.880647	-0.393140	12.585025
O	-6.245168	0.258413	15.050799
Ti	-4.653279	-0.560563	14.426083
O	-2.822123	-1.713465	14.732624
O	-3.106693	-1.523686	10.671720
O	-3.684445	1.153470	10.391405
O	-3.333140	0.817974	14.936462
Ti	-1.514272	-0.247115	14.470144
O	-1.441362	-0.168684	12.628450
Ti	-1.788526	-0.025594	10.738531
Ti	-11.235896	-4.685715	10.804197
Ti	-10.694336	-4.719778	13.566868
O	-11.402002	-2.814744	10.477222
Ti	-9.972106	-1.570811	10.656905
O	-9.501133	-1.550340	12.514923
O	-10.775927	-3.128252	14.514620
Ti	-9.403411	-1.773412	14.353090
O	-9.632323	-4.603312	11.964622
O	-9.879841	0.329150	10.475170

O	-8.454041	-2.632366	10.065552
Ti	-6.887310	-3.700712	10.710237
O	-12.204101	-4.998583	12.401448
O	-6.682800	-3.052753	12.478277
O	-8.028041	-2.782839	15.133225
Ti	-6.583921	-3.591012	14.251297
Ti	-8.732051	-7.140249	10.519149
O	-10.672562	-6.451022	10.024252
O	-7.345391	-5.369952	13.788104
O	-7.029004	-7.789078	14.758869
O	-9.076348	-7.665303	12.318171
Ti	-8.438522	-6.895706	13.892995
O	-10.065357	-6.162492	14.586134
O	-7.661980	-5.525226	10.321245
O	-4.231373	-8.178219	9.923362
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O	-4.983750	-4.956672	14.822408
Ti	-5.422533	-6.786415	14.258614
O	-5.275636	-6.867589	12.408988
O	-5.160514	-4.922712	10.573216
Ti	-5.633116	-6.934964	10.545091
O	-7.150933	-8.150858	10.456834
O	-5.565065	-2.239629	10.208103
O	-5.201821	-2.404755	15.023295
O	-2.033371	-4.481078	15.177986
Ti	-3.504169	-3.567383	14.445576
O	-3.548087	-3.625876	12.596413
O	-2.240519	-4.571311	10.105300
Ti	-3.747454	-3.445175	10.686823
O	-0.116310	-0.949766	10.182602
Ti	1.488714	-1.956408	10.699839
O	1.360360	-1.820104	12.580786
O	-0.012533	-1.053795	15.268963
Ti	1.464117	-1.857896	14.447857
O	2.777886	-0.433894	10.335318
O	2.757490	-0.349886	14.755773
Ti	-0.496427	-5.322057	10.670932
O	-0.510305	-4.544033	12.398882
Ti	-0.513632	-5.011177	14.207846
Ti	-2.348227	-8.792709	10.442522
O	-1.239626	-6.789905	13.652861
O	-2.791342	-9.057497	12.282124
Ti	-2.329672	-8.299993	13.922131
O	-1.299403	-7.159159	10.298341
O	0.796194	-3.815823	10.184386
O	0.841382	-3.732946	14.909280

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O	2.080104	2.164046	1.819903
O	2.030656	2.092088	-2.901267
O	4.166670	5.521314	1.823808
O	4.083318	5.145099	-1.564671

O	5.631001	7.413023	-0.169810
Ti	5.182533	6.665715	-1.815844
Ti	5.207291	7.155484	1.686111
Ti	3.360013	3.690021	1.379021
O	3.413770	2.900170	-0.357038
Ti	3.392148	3.343254	-2.168691
O	4.929268	2.889596	-3.148642
Ti	6.415409	1.996055	-2.415479
O	6.461082	2.056664	-0.568826
O	5.122295	2.958257	1.934672
Ti	6.640674	1.848971	1.343466
O	8.472295	0.643986	1.803261
O	8.111039	0.834080	-2.987255
O	7.107697	6.569584	2.186135
O	6.752903	6.172600	-2.733964
O	7.892756	3.390861	-2.781104
Ti	8.304744	5.211776	-2.168430
O	8.155961	5.305957	-0.321514
O	8.056173	3.333752	1.464221
Ti	8.523732	5.348262	1.546589
O	10.035420	6.576476	1.655559
O	10.554065	3.955490	1.743877
O	10.212754	3.804858	-1.675805
O	9.908833	6.224459	-2.659456
O	11.962331	6.105582	-0.218755
Ti	11.313908	5.327273	-1.784816
O	12.929760	4.599339	-2.504606
Ti	11.623210	5.573231	1.582605
O	13.565615	4.871895	2.049670
Ti	14.125517	3.104010	1.259970
Ti	13.574885	3.151511	-1.504573
O	14.322975	1.227263	1.551713
Ti	12.886951	-0.011245	1.342512
O	12.431413	-0.036057	-0.515670
O	13.681250	1.578120	-2.483700
Ti	12.310801	0.212892	-2.347908
O	12.517098	3.012942	0.095149
O	11.352921	1.055232	1.917036
Ti	9.780162	2.130397	1.306742
O	15.084051	3.441634	-0.346069
O	9.591776	1.441868	-0.454160
O	10.946990	1.255229	-3.112264
Ti	9.491213	2.020029	-2.210120
O	0.046643	-1.193983	1.659007
O	0.105701	-1.264457	-2.792689
Ti	1.353200	0.315368	1.303008
O	1.488401	0.176204	-0.584152
Ti	1.397813	0.223467	-2.447689
O	-4.108495	-7.920523	1.937187
O	-1.037047	-7.404998	-2.814858
O	-1.077986	-7.488898	1.872709
O	-2.031369	-4.602063	1.692803

Ti	-2.718944	-6.485248	1.436113
O	-2.572665	-6.567787	-0.435077
O	-2.024189	-4.650531	-2.846182
Ti	-2.644599	-6.457043	-2.306987
O	-4.159572	-7.603708	-2.793600
O	0.871404	-4.062548	1.827728
Ti	-0.719864	-3.033063	1.268695
O	-0.583018	-3.251388	-0.623772
O	0.890212	-3.952084	-3.280506
Ti	-0.612749	-3.151025	-2.486488
O	2.904412	-0.537771	-3.257900
Ti	4.413770	-1.321698	-2.449564
O	4.340684	-1.385426	-0.610830
O	2.971500	-0.679546	1.824591
Ti	4.676701	-1.554963	1.285752
O	6.561745	-2.741125	1.627935
O	6.230921	-2.388217	-2.916996
O	5.729038	0.141316	-2.705295
O	6.012380	-0.071855	1.349618
O	12.791058	-1.914118	1.553313
Ti	11.263740	-3.010407	1.355474
O	10.909143	-2.794152	-0.539749
O	12.095163	-1.540483	-2.994598
Ti	10.681272	-2.691844	-2.382605
O	11.121893	-4.910254	1.508748
O	9.590441	-2.165512	1.896753
Ti	7.866729	-1.266478	1.349190
O	7.782295	-1.209022	-0.552208
O	9.156555	-1.819045	-3.000685
Ti	7.551590	-1.014062	-2.389572
Ti	2.441354	-4.433553	-2.323644
O	2.426317	-4.157511	-0.501667
Ti	2.633300	-4.776673	1.306731
Ti	0.611278	-7.843350	-2.054950
O	1.868472	-6.704031	1.386749
O	2.297679	-9.391540	1.898928
O	0.350502	-8.646904	-0.369303
Ti	0.707065	-8.191178	1.444374
O	1.693021	-6.284657	-1.895196
Ti	7.274125	-8.257982	1.545140
O	7.339093	-9.219594	-0.108521
Ti	6.843742	-7.813814	-1.275229
O	6.501636	-6.703303	0.332736
O	5.380825	-8.041260	-2.398177
O	5.337849	-8.979896	1.841368
O	4.383170	-6.109092	1.661109
Ti	3.705549	-8.019077	1.353150
O	3.521939	-8.014918	-0.480878
O	4.094563	-5.695348	-2.911365
Ti	3.518678	-7.495725	-2.320877
O	2.099749	-8.593944	-3.025292
O	3.800270	-3.177407	-3.024000

O	4.140845	-3.506683	1.411683
Ti	9.458601	-5.789860	1.327759
O	9.060620	-5.250252	-0.477379
O	10.299444	-4.473059	-2.982065
Ti	8.810005	-5.424470	-2.314989
O	8.338983	-7.282007	-2.269542
O	9.077155	-7.664665	1.568603
O	7.767105	-5.012303	1.910007
Ti	5.905720	-4.721816	1.164020
O	5.681928	-4.425122	-0.745860
O	7.228336	-4.899610	-3.195851
Ti	5.561383	-4.262390	-2.564546
Ti	-9.168374	5.565293	-1.954649
O	-9.626625	5.099398	-0.170164
O	-11.712665	5.279047	1.657422
Ti	-9.894906	5.781637	1.678722
O	-9.645693	7.620439	1.714164
O	-8.902841	7.421512	-2.056743
O	-7.467720	5.008766	-2.553084
Ti	-5.818446	4.163324	-2.248432
O	-5.655841	3.792049	-0.438885
O	-7.856473	5.658633	1.984718
Ti	-6.128254	4.875408	1.241664
O	-4.281551	3.703789	1.716346
O	-4.033514	3.212170	-2.902068
Ti	-7.264070	7.897330	-1.232737
O	-7.716236	9.050059	0.158049
Ti	-7.695969	7.815146	1.664730
O	-6.812434	6.519921	0.018749
O	-6.098909	8.659360	2.483933
O	-5.853622	8.175189	-2.438646
O	-4.424287	5.684091	-2.322812
Ti	-4.145567	7.569712	-1.815592
O	-4.325095	8.368646	-0.124032
O	-4.654721	6.236419	1.380354
Ti	-4.195388	8.262698	1.770889
O	-2.811069	9.629861	1.892734
O	-2.276123	6.993015	1.960396
O	-2.370216	6.182494	-0.750160
O	-2.538979	8.247920	-2.549233
O	-0.724322	8.654104	-0.006949
Ti	-1.129072	7.559604	-1.454661
Ti	-1.209196	8.617487	1.855330
Ti	-2.882432	5.126779	1.154420
O	-2.629283	3.690819	-0.243582
Ti	-2.765271	4.384462	-1.937649
O	-10.387678	4.774286	-3.167744
O	-1.219134	4.248174	-2.957608
Ti	0.301080	3.219526	-2.394147
O	0.342819	3.344085	-0.559364
O	-1.164093	4.601347	1.972050
Ti	0.260858	3.381828	1.378448

O	0.707250	8.058753	2.321283
O	0.376008	7.060349	-2.395253
O	1.773304	4.621049	-2.775148
Ti	2.198028	6.411858	-2.049409
O	2.034566	6.691122	-0.222185
O	1.643527	4.867270	1.521870
Ti	2.175087	6.901791	1.668466
O	3.635516	8.189917	1.746427
O	3.674885	7.486425	-2.671025
Ti	-10.994237	3.001889	-2.840354
O	-11.715343	3.503741	-1.147893
O	-13.137525	2.884674	1.562679
Ti	-11.651698	3.658954	0.696626
O	-9.449102	2.026259	-3.145267
Ti	-7.866568	1.083712	-2.583332
O	-8.169399	1.264288	-0.762132
O	-10.115419	2.623077	1.393124
Ti	-8.368078	1.568793	1.144162
O	-6.483402	0.390395	1.515931
O	-6.065307	-0.038683	-3.065230
O	-6.510465	2.468139	-3.034997
O	-7.039683	2.978023	1.347234
Ti	-5.138693	1.924492	1.019518
O	-4.788070	1.198911	-0.738160
Ti	-4.699944	1.303368	-2.588757
Ti	-13.537347	-2.514053	-1.007005
Ti	-13.510955	-1.899231	1.873193
O	-13.844420	-1.020475	-2.097077
Ti	-12.457257	0.275778	-1.985619
O	-12.341488	0.834777	-0.213313
O	-14.272461	-0.109664	2.006158
Ti	-12.824757	1.038420	1.675174
O	-12.043993	-2.244373	0.150309
O	-12.377239	1.745471	-3.185190
O	-11.005860	-0.790741	-2.464105
Ti	-9.579637	-1.968990	-2.102954
O	-14.702128	-2.464671	0.437890
O	-8.977767	-1.872340	-0.332373
O	-11.692947	-0.691405	1.923248
Ti	-10.206402	-1.906572	1.283380
Ti	-11.767419	-5.107412	-1.490517
O	-13.354624	-4.167468	-1.924694
O	-10.850358	-3.822495	1.604464
O	-10.611345	-6.399528	2.309432
O	-12.404927	-5.780200	0.189062
Ti	-12.151101	-5.179423	1.958999
O	-13.435458	-3.775715	2.613237
O	-10.597770	-3.630136	-1.923631
O	-7.353208	-6.235279	-2.673403
O	-7.527701	-6.150648	1.996859
O	-8.382835	-3.184600	1.749315
Ti	-9.107006	-5.096612	1.597707

O	-8.942146	-5.293376	-0.255346
O	-8.068966	-3.414397	-2.706267
Ti	-8.818283	-5.151247	-2.147010
O	-10.528868	-6.125482	-2.473099
O	-8.383175	-0.809562	-3.142242
O	-8.993830	-0.285599	1.489174
O	-5.591291	-2.540264	1.748319
Ti	-7.191344	-1.520451	1.066328
O	-6.454509	-1.749869	-0.732905
O	-5.183735	-2.770569	-3.404116
Ti	-6.612760	-1.908182	-2.568522
O	-3.162566	0.585455	-3.366463
Ti	-1.674541	-0.156061	-2.476324
O	-1.833628	-0.119400	-0.648365
O	-3.543415	0.925970	1.739368
Ti	-1.863400	0.050888	1.285742
O	-0.404467	1.373098	-2.800534
O	-0.466286	1.475821	1.342640
Ti	-3.677755	-3.350664	-2.413725
O	-3.737893	-3.116513	-0.588382
Ti	-3.873432	-3.324864	1.305420
Ti	-5.628555	-6.690390	-2.007980
O	-4.596498	-5.285141	1.352527
O	-5.993128	-7.338663	-0.277637
Ti	-5.710840	-6.800602	1.516525
O	-4.562762	-5.147841	-2.126181
O	-2.313523	-2.045894	-3.009857
O	-2.485450	-1.901408	1.428470
O	3.608118	1.392470	8.228646
O	3.769790	1.102391	3.978796
O	5.730295	4.734874	8.142548
O	5.796068	4.503832	4.314624
O	7.323457	6.571058	6.013658
Ti	6.953341	6.011926	4.262836
Ti	6.816548	6.349332	7.860435
Ti	4.882346	2.917295	7.787734
O	5.047116	2.619423	5.985085
Ti	5.100163	2.560864	4.065074
O	6.707064	1.608216	3.548466
Ti	8.362976	0.699499	4.085329
O	8.183386	0.931900	5.913034
O	6.595668	1.998130	8.307741
Ti	8.211713	1.002247	7.818633
O	10.090880	-0.211529	8.241241
O	10.177154	-0.444267	4.078703
O	8.710328	5.682740	8.323993
O	8.611837	5.045876	3.706416
O	9.692013	2.220287	3.649309
Ti	10.290424	4.107235	4.086903
O	10.127742	4.191772	5.911045
O	9.568579	2.526846	7.925646
Ti	10.188400	4.509429	7.793540

O	11.782261	5.704891	7.653672
O	12.182445	3.106198	8.096375
O	12.205712	2.904599	4.098838
O	11.756184	5.532640	3.701179
O	13.876358	4.916441	5.796316
Ti	13.369720	4.399660	4.083959
O	14.900607	3.132233	3.382394
Ti	13.310465	4.651158	7.651977
O	15.220225	3.913896	8.184945
Ti	15.801064	2.147173	7.463865
Ti	15.463154	1.857140	4.691302
O	15.917925	0.258462	7.869320
Ti	14.398812	-0.869077	7.974422
O	14.020780	-1.397399	6.195178
O	15.783813	0.062170	4.223596
Ti	14.409186	-1.253186	4.383158
O	14.303484	1.919954	6.201542
O	12.885080	0.214377	8.405073
Ti	11.303824	1.314913	7.761592
O	16.864243	2.394701	5.897472
O	11.486196	1.044900	5.954407
O	13.054401	-0.190896	3.576592
Ti	11.513948	0.986155	4.057298
O	1.581232	-2.000982	8.159683
O	1.713046	-2.279405	3.968122
Ti	2.889401	-0.485030	7.748251
O	3.038230	-0.694382	5.916826
Ti	3.094878	-0.838359	3.995337
O	-2.594331	-8.770620	8.242050
O	0.595886	-8.720665	3.563771
O	0.531018	-8.307084	8.155370
O	-0.468913	-5.437990	8.149838
Ti	-1.175945	-7.330227	7.786935
O	-0.976045	-7.439016	5.956140
O	-0.327681	-5.713740	3.923327
Ti	-0.986991	-7.658802	4.067310
O	-2.456495	-8.974440	4.055728
O	2.549848	-4.752047	8.173047
Ti	0.828914	-3.864804	7.715269
O	0.979413	-4.162456	5.892037
O	2.768843	-4.999847	3.513325
Ti	1.038123	-4.206311	3.986077
O	4.778418	-1.693378	3.495336
Ti	6.409875	-2.653288	4.029520
O	6.158683	-2.461884	5.858946
O	4.595693	-1.386856	8.256944
Ti	6.262549	-2.326682	7.767472
O	8.147179	-3.556632	8.157962
O	8.279615	-3.706724	4.170003
O	7.754641	-1.196477	3.636835
O	7.702861	-0.975596	7.791874
O	14.414660	-2.724789	8.733666

Ti	12.936742	-4.094843	8.272910
O	13.157421	-4.231149	6.390996
O	14.425513	-3.073538	3.906044
Ti	12.960864	-4.151293	4.494081
O	12.462841	-6.048405	8.751792
O	11.290301	-3.174753	8.454886
Ti	9.558034	-2.151309	7.834764
O	9.930898	-2.381055	6.033563
O	11.450300	-3.273566	3.713473
Ti	9.698547	-2.379510	4.116838
Ti	4.435676	-5.950950	3.943278
O	4.333564	-5.861443	5.776321
Ti	4.195479	-5.662635	7.689919
Ti	2.467819	-9.413907	4.033793
O	3.475807	-7.622647	7.566926
O	3.955246	-10.207988	8.119444
O	1.991183	-9.655824	5.872883
Ti	2.276839	-9.094801	7.656468
O	3.633687	-7.819110	3.762419
Ti	8.944099	-9.512191	7.546746
O	9.152693	-10.630420	6.000589
Ti	8.956501	-9.193427	4.746192
O	8.501537	-8.088256	6.202585
O	7.548649	-9.364511	3.450906
O	7.048786	-9.715402	8.132031
O	6.043840	-6.924435	8.138970
Ti	5.332111	-8.773462	7.659265
O	5.611831	-8.933350	5.804357
O	6.352384	-7.136950	3.487225
Ti	5.489251	-9.106152	3.938028
O	4.083024	-10.438039	3.978253
O	5.772184	-4.534925	3.524425
O	5.574578	-4.264846	7.829792
Ti	10.844778	-6.883133	7.965678
O	11.084688	-6.284483	6.182759
O	12.754510	-5.952035	3.907214
Ti	11.133071	-6.795086	4.387587
O	10.686787	-8.637340	4.213781
O	10.697236	-8.762596	7.871557
O	9.133622	-6.119568	8.377242
Ti	7.372817	-5.405832	7.716784
O	7.424896	-5.626272	5.862915
O	9.556975	-6.105739	3.586346
Ti	7.644692	-5.634769	3.988170
Ti	-7.750774	5.367798	4.226820
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O	-10.188289	4.422551	8.058599
Ti	-8.393281	5.021845	7.755451
O	-8.110007	6.911830	7.815073
O	-7.826578	7.374063	3.840985
O	-6.158672	4.612730	3.430789
Ti	-4.432505	3.716674	3.921808

O	-4.532207	3.796023	5.792513
O	-6.336176	4.996196	8.068167
Ti	-4.673204	3.968130	7.654932
O	-2.862007	2.817896	8.187722
O	-2.635445	2.582775	3.891810
Ti	-6.057995	7.968078	4.539512
O	-6.204502	8.778111	6.211645
Ti	-6.266908	7.167725	7.351556
O	-6.147095	6.246571	5.547316
O	-4.796739	7.621264	8.576649
O	-4.221784	7.893088	3.903487
O	-3.099240	5.239776	3.671683
Ti	-2.447210	7.046444	4.311775
O	-2.887791	7.315804	6.116493
O	-3.357411	5.439340	7.940916
Ti	-2.763271	7.438736	7.992619
O	-1.357068	8.790882	8.021804
O	-0.805666	6.198630	8.192075
O	-0.609288	5.965450	4.498500
O	-1.117752	8.554809	3.955043
O	0.847085	8.057552	6.167540
Ti	0.567037	7.465611	4.406703
Ti	0.285799	7.821767	7.994869
Ti	-1.554446	4.329410	7.792549
O	-1.321326	4.015461	6.004552
Ti	-1.306306	4.025745	4.076114
O	-9.521371	4.568239	3.408192
O	0.287225	3.066123	3.544832
Ti	1.971267	2.200485	4.128973
O	1.782904	2.465565	5.956472
O	0.167742	3.579849	8.409876
Ti	1.772561	2.590834	7.867164
O	2.191980	7.198311	8.486269
O	2.202413	6.541637	3.805238
O	3.253674	3.767173	3.703408
Ti	3.925088	5.632433	4.218001
O	3.659056	5.791823	6.038011
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Ti	3.736609	6.091318	7.921585
O	5.233548	7.366214	7.914202
O	5.286701	7.104806	3.819091
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O	-10.576442	2.852181	5.370978
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Ti	-10.343985	2.764910	7.201028
O	-8.408620	1.601232	3.407236
Ti	-6.662344	0.501260	3.786398
O	-7.000451	0.714133	5.630919
O	-8.723884	1.758516	7.761669
Ti	-6.931182	0.766507	7.509746
O	-5.040327	-0.404548	8.127271
O	-4.839545	-0.678971	3.901905

O	-5.284542	1.917345	3.467030
O	-5.512988	2.125298	7.712098
Ti	-3.635131	0.985458	7.687314
O	-3.472698	0.777235	5.862517
Ti	-3.425773	0.701571	3.925392
Ti	-12.778451	-3.628573	4.711473
Ti	-12.293696	-3.024631	7.450034
O	-12.986120	-1.729198	4.002613
Ti	-11.354918	-0.591146	4.128420
O	-10.927217	-0.088566	5.887883
O	-12.889877	-1.229947	7.828298
Ti	-11.382253	-0.082067	7.755112
O	-11.253815	-3.212518	5.763923
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O	-10.048871	-1.865948	3.490747
Ti	-8.418057	-2.946616	3.980048
O	-13.762676	-3.661687	6.288681
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Ti	-8.642487	-2.715642	7.639968
Ti	-10.427520	-6.315346	4.432831
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O	-9.377909	-4.613398	7.698551
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Ti	-10.665698	-6.001301	7.969396
O	-12.010881	-4.572477	8.617854
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O	-5.976328	-6.894371	8.293941
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Ti	-7.583890	-5.835270	7.882803
O	-7.238752	-5.916650	6.071201
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Ti	-7.362987	-6.124791	4.197866
O	-8.930567	-7.380980	4.426140
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O	-3.927124	-3.205885	8.249864
Ti	-5.595316	-2.323886	7.685450
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O	-3.731233	-3.529409	3.472818
Ti	-5.388114	-2.621391	3.941272
O	-1.747145	-0.196023	3.467511
Ti	-0.095663	-1.130273	4.054167
O	-0.301831	-0.942511	5.886093
O	-1.996430	0.064871	8.279692
Ti	-0.291620	-0.800410	7.806332
O	1.213753	0.359570	3.639260
O	1.062201	0.654935	7.874029
Ti	-2.080731	-4.498310	4.055065
O	-2.326810	-4.318438	5.870349

Ti	-2.303647	-4.202479	7.777926
Ti	-4.012535	-7.939403	4.115361
O	-3.054965	-6.144090	7.733295
O	-4.498495	-8.157451	5.968898
Ti	-4.206774	-7.645458	7.755996
O	-2.948191	-6.318813	3.757151
O	-0.815281	-2.998971	3.605149
O	-0.961546	-2.755805	7.831861
O	5.155166	0.558030	14.634037
O	5.301290	0.315055	10.407372
O	7.287963	3.878086	14.482175
O	7.394734	3.703536	10.506092
O	8.838225	5.716761	12.270512
Ti	8.546667	5.205019	10.483372
Ti	8.352129	5.498729	14.124012
Ti	6.420647	2.057383	14.184166
O	6.666374	1.877345	12.368876
Ti	6.643398	1.761952	10.461298
O	8.267021	0.765433	9.989423
Ti	9.935021	-0.116884	10.553735
O	9.703229	0.058413	12.373830
O	8.071437	1.088861	14.766191
Ti	9.727984	0.180247	14.298111
O	11.580623	-1.024757	14.835593
O	11.784404	-1.293439	10.444227
O	10.230995	4.862778	14.611563
O	10.316288	4.454005	9.945335
O	11.204415	1.472140	10.093165
Ti	11.923569	3.394611	10.356586
O	11.578006	3.475506	12.168114
O	11.027485	1.763578	14.305329
Ti	11.702584	3.684290	14.041388
O	13.270086	4.940638	13.812631
O	13.620068	2.344897	14.318098
O	13.717644	2.173034	10.540656
O	13.440235	4.722912	9.797406
O	15.433454	4.133180	11.971990
Ti	15.005373	3.561288	10.270063
O	16.350639	2.132834	9.621676
Ti	14.766986	3.875256	13.806659
O	16.638344	3.033975	14.191442
Ti	17.118839	1.189661	13.528399
Ti	16.633756	0.585414	10.789880
O	17.327288	-0.709939	14.237618
Ti	15.696265	-1.847659	14.112071
O	15.268432	-2.350032	12.352527
O	17.230570	-1.209099	10.411663
Ti	15.722937	-2.356848	10.485298
O	15.594301	0.773121	12.476658
O	14.389159	-0.573455	14.749709
Ti	12.757644	0.506075	14.259683
O	18.102905	1.223251	11.951569

O	12.680037	0.164104	12.445258
O	14.746953	-0.547852	10.160159
Ti	12.982094	0.275128	10.599453
O	3.125951	-2.800227	14.599833
O	3.277678	-3.095595	10.365396
Ti	4.435492	-1.310587	14.185151
O	4.641731	-1.498253	12.353216
Ti	4.631532	-1.640195	10.432998
O	-0.946401	-9.545681	14.420170
O	2.148459	-9.638698	9.753120
O	2.138217	-8.982177	14.433897
O	1.086082	-6.207843	14.535652
Ti	0.415262	-8.073220	14.021236
O	0.681032	-8.232991	12.201198
O	1.226160	-6.538751	10.239100
Ti	0.603400	-8.532047	10.317588
O	-0.893507	-9.806871	10.324903
O	4.052841	-5.506477	14.694291
Ti	2.368429	-4.641180	14.110257
O	2.556730	-4.906565	12.282789
O	4.172242	-6.020336	9.829277
Ti	2.567309	-5.031533	10.372099
O	6.336289	-2.505485	9.959740
Ti	7.975083	-3.426081	10.552107
O	7.812839	-3.217945	12.376962
O	6.087027	-2.244970	14.771966
Ti	7.765625	-3.142487	14.314089
O	9.624537	-4.358087	14.772311
O	9.853129	-4.565894	10.526983
O	9.380137	-2.036237	10.112043
O	9.179427	-1.761838	14.338001
O	15.870564	-3.724953	14.872514
Ti	14.338596	-5.078875	14.661463
O	14.917179	-5.290329	12.868387
O	16.063691	-4.210167	10.233985
Ti	14.684208	-5.204797	11.038477
O	13.862583	-7.007140	14.829488
O	12.749356	-4.040576	14.832206
Ti	11.002389	-2.942114	14.453446
O	11.339764	-3.154834	12.608670
O	13.064206	-4.198088	10.477980
Ti	11.271013	-3.207220	10.729909
Ti	5.894431	-6.769803	10.446521
O	5.660940	-6.455871	12.234377
Ti	5.646004	-6.466561	14.162700
Ti	4.054668	-10.262563	10.244297
O	4.949357	-8.406246	13.740439
O	5.458363	-10.995398	14.284252
O	3.493504	-10.498790	12.071634
Ti	3.773358	-9.906532	13.832464
O	5.145896	-8.639310	10.047123
Ti	10.399368	-10.406514	13.699499

O	10.545534	-11.217435	12.027229
Ti	10.608164	-9.607276	10.887010
O	10.488271	-8.685645	12.691034
O	9.137583	-10.060762	9.662589
O	8.562936	-10.332220	14.335656
O	7.438769	-7.680317	14.567214
Ti	6.787711	-9.487159	13.927210
O	7.227695	-9.756727	12.122401
O	7.697052	-7.879762	10.298089
Ti	7.103860	-9.879296	10.246149
O	5.697678	-11.231469	10.216927
O	7.201804	-5.258494	10.051300
O	6.975039	-5.024076	14.347217
Ti	12.092162	-7.807254	14.012070
O	12.605546	-7.011934	12.316079
O	14.529216	-6.861596	10.180686
Ti	12.734574	-7.461060	10.483241
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O	12.167724	-9.812757	14.397872
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Ti	8.772234	-6.157218	14.317087
O	8.871497	-6.236782	12.446433
O	10.677131	-7.435438	10.170892
Ti	9.013232	-6.408740	10.584022
Ti	-6.503885	4.444189	10.273646
O	-6.744153	3.845021	12.056422
O	-8.414014	3.512776	14.332168
Ti	-6.792695	4.355862	13.851524
O	-6.346124	6.197943	14.025298
O	-6.356722	6.323665	10.367658
O	-4.793610	3.679075	9.861468
Ti	-3.032940	2.965096	10.522310
O	-3.085433	3.185787	12.376254
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Ti	-3.305016	3.194613	14.250969
O	-1.432779	2.094331	14.714856
O	-1.234871	1.824099	10.409522
Ti	-4.603135	7.073300	10.692341
O	-4.811266	8.191011	12.239015
Ti	-4.615596	6.753446	13.492716
O	-4.161704	5.648316	12.035951
O	-3.208095	6.924340	14.788417
O	-2.708086	7.275547	10.106930
O	-1.704298	4.483810	10.100205
Ti	-0.991774	6.332807	10.579860
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Ti	-1.148972	6.665640	14.300991
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O	0.706284	5.378549	14.476643
O	0.864129	5.182027	10.672341
O	0.385108	7.767396	10.119803

O	2.349028	7.214886	12.366391
Ti	2.063252	6.654211	10.582842
Ti	1.872265	6.973224	14.205619
Ti	-0.095159	3.511411	14.295955
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Ti	0.144350	3.222205	10.549278
O	-8.121737	3.609169	9.487169
O	1.790045	2.311617	10.066252
Ti	3.510758	1.424115	10.524077
O	3.360226	1.721565	12.347249
O	1.571107	2.559421	14.725882
Ti	3.301700	1.765569	14.253210
O	3.744445	6.280458	14.675690
O	3.809136	5.866539	10.083830
O	4.808603	2.997278	10.089350
Ti	5.515886	4.889551	10.452444
O	5.315606	4.998009	12.283219
O	4.667485	3.272870	14.316013
Ti	5.326630	5.217965	14.172016
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O	-8.817173	1.792598	11.848305
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Ti	-8.620401	1.711871	13.745114
O	-6.950263	0.734850	9.784548
Ti	-5.218270	-0.289549	10.404490
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O	-7.110152	0.833873	14.525890
Ti	-5.358922	-0.061135	14.122290
O	-3.414765	-1.243770	14.602345
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Ti	-2.070323	0.210226	14.209738
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Ti	-1.922766	-0.113988	10.471836
Ti	-11.460796	-4.586594	10.775519
Ti	-11.122785	-4.296919	13.548145
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Ti	-10.057764	-1.570399	10.265058
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Ti	-10.068369	-1.186201	13.856023
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O	-7.416390	-7.973205	14.538003
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Ti	-9.029829	-6.840152	14.155259
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Ti	-5.950386	-6.547873	14.152426
O	-5.788421	-6.632739	12.328258
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Ti	-3.871880	-3.442942	10.420609
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Ti	10.050259	4.360027	16.722629
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Ti	13.446524	2.656542	16.641637
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O	17.693721	1.729611	20.165590
Ti	17.876904	0.076166	19.247568
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O	18.185251	-1.417148	20.337931
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Ti	13.919336	-0.470393	20.342558
O	19.041851	0.026996	17.802886
O	13.317575	-0.567332	18.572037
O	16.033471	-1.747931	16.316895
Ti	14.546435	-0.532936	16.956423
O	4.744766	-3.813975	21.039736
O	4.806275	-3.916642	16.896615
Ti	6.014509	-2.284754	20.715668
O	6.173183	-2.321009	18.887672
Ti	6.203403	-2.492130	16.953591
O	0.665875	-9.927053	20.909965
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O	10.405653	-2.402201	21.305994
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Ti	15.336035	-5.439350	21.079441
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Ti	13.511238	-8.002389	20.191630
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Ti	14.237765	-8.220364	16.557906
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Ti	-1.221538	1.821672	20.803708
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Ti	-2.933298	5.818201	16.694154
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O	-1.040193	5.600933	20.637792
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Ti	0.634585	5.578344	16.885130
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Ti	0.821466	5.054926	20.559984
O	2.241601	6.153316	21.264346
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O	2.042481	6.950994	16.340370
O	3.989667	6.206204	18.609248
Ti	3.632598	5.750550	16.794611
Ti	3.728960	5.403011	20.295274
Ti	1.898635	1.992805	20.563114
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Ti	1.706606	2.336071	16.932445
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O	3.468380	1.621803	16.411533
Ti	5.059474	0.591944	16.970298
O	4.922711	0.810822	18.862821
O	3.449879	1.511472	21.519742
Ti	4.952765	0.710407	20.725463
O	5.377498	4.964959	21.054062
O	5.417824	5.047810	16.366515
O	6.371054	2.160815	16.546173
Ti	7.058622	4.044036	16.803028
O	6.912156	4.126877	18.674869
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Ti	6.984728	4.016384	20.546387
O	8.499755	5.163280	21.033036

O	8.448052	5.479716	16.302242
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Ti	-6.340599	0.251862	20.622056
O	-5.250685	-0.274912	16.342386
Ti	-3.527105	-1.174315	16.889574
O	-3.442753	-1.231668	18.791332
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Ti	-9.785433	-5.543830	16.978961
Ti	-9.234573	-5.591336	19.743253
O	-9.982609	-3.667126	16.687420
Ti	-8.546632	-2.428323	16.896902
O	-8.091108	-2.403575	18.755205
O	-9.340441	-4.018495	20.722759
Ti	-7.969982	-2.653006	20.587262
O	-8.176558	-5.453291	18.143457
O	-8.450830	-0.525486	16.686249
O	-7.013004	-3.495278	16.322151
Ti	-5.440837	-4.570814	16.932791
O	-10.743607	-5.881373	18.584866
O	-5.252206	-3.881729	18.693509
O	-6.606688	-3.696102	21.351959
Ti	-5.151379	-4.460686	20.449097
Ti	-7.283504	-8.013505	16.656555
O	-9.225784	-7.312309	16.189570
O	-5.872946	-6.245885	19.914330
O	-5.568591	-8.664702	20.898967
O	-7.622232	-8.546669	18.458095
Ti	-6.973462	-7.767678	20.023649
O	-8.589325	-7.042716	20.743677
O	-6.214618	-6.396237	16.495314
O	-2.767343	-9.009908	16.053175
O	-2.411649	-8.612435	20.972641
O	-3.552945	-5.831793	21.020162
Ti	-3.964255	-7.652546	20.407563
O	-3.816323	-7.747176	18.560673
O	-3.716776	-5.774350	16.775257
Ti	-4.183845	-7.788951	16.692510
O	-5.695466	-9.016850	16.583260
O	-4.132745	-3.084788	16.435959
O	-3.770949	-3.275079	21.226279
O	-0.589190	-5.330453	21.387223
Ti	-2.075298	-4.436842	20.654475

O	-2.121528	-4.497456	18.807941
O	-0.782665	-5.399051	16.304563
Ti	-2.301183	-4.289637	16.895619
O	1.368247	-1.761317	16.414715
Ti	2.986312	-2.756300	16.936247
O	2.851739	-2.615626	18.823453
O	1.435509	-1.903222	21.496765
Ti	2.942398	-2.664447	20.686950
O	4.293102	-1.247026	16.580168
O	4.234269	-1.176085	21.031869
Ti	0.979520	-6.130278	16.860199
O	0.926185	-5.339717	18.596048
Ti	0.948242	-5.783826	20.407248
Ti	-0.866938	-9.595955	16.553058
O	0.257518	-7.586028	19.800614
O	-1.290534	-9.854030	18.408890
Ti	-0.841437	-9.106198	20.054547
O	0.172529	-7.962227	16.415385
O	2.259725	-4.604756	16.419107
O	2.309748	-4.533106	21.140708

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Ti	2.429729	-4.133114	1.338618
O	2.587535	-5.537653	0.033922
Ti	2.432716	-4.448857	-1.486018
O	2.527544	-2.890932	-0.220874
O	0.833430	-4.313841	-2.338752
O	0.763745	-4.324478	2.051523
O	0.106632	-1.484340	2.142860
Ti	-0.930037	-3.391561	1.944884
O	-0.759951	-3.244917	-0.047212
O	-0.021906	-1.409852	-2.454543
Ti	-0.671721	-3.170506	-1.867765
O	-2.136378	-4.155170	-2.682226
O	-2.537560	-1.620575	-2.012112
O	-2.584495	-1.885345	1.431668
O	-2.530544	-4.508345	2.082903
O	-4.023687	-3.981317	-0.452724
Ti	-3.787699	-3.386255	1.310694
O	-5.582769	-2.828270	1.685827
Ti	-3.600366	-3.173156	-2.077094
O	-5.269345	-2.525704	-2.772535
Ti	-5.911348	-1.067899	-1.811835
Ti	-5.965677	-1.168111	0.985322
O	-5.954264	0.590457	-2.661157
Ti	-4.811162	1.802475	-1.734664
O	-5.567283	1.900721	0.001560
O	-5.947722	0.188008	2.293370
Ti	-4.661897	1.951767	1.665686
O	-4.636465	-0.798650	-0.377312
O	-4.416809	3.618338	-2.161289
O	-3.067487	1.192255	-2.165315

Ti	-1.563953	0.089089	-1.851980
O	-7.215303	-1.330274	-0.462978
O	-1.215018	0.273658	-0.078315
O	-3.254878	0.773979	2.085333
Ti	-1.638558	-0.158769	1.732790
O	-4.512169	3.906018	2.249415
O	3.986417	-3.880642	-2.333089
Ti	6.110601	1.461137	1.835098
Ti	5.579776	1.106133	-0.993412
O	6.059428	-0.480087	2.232442
Ti	4.860513	-2.012430	1.866182
O	5.202379	-2.539804	0.161486
O	5.413550	-0.594502	-1.603250
Ti	4.201784	-2.145068	-1.497631
O	4.424023	1.328218	0.574424
O	3.846810	-3.869991	2.570033
O	3.175511	-1.201554	2.015609
Ti	1.609096	-0.117248	1.773635
O	7.049060	1.483867	0.210793
O	1.416085	-0.192878	-0.080924
O	2.934468	-1.182254	-2.533005
Ti	1.475451	-0.192606	-1.943837
Ti	3.681625	3.210879	1.356078
O	5.334036	3.222278	2.236273
O	2.450110	1.556595	-1.894734
O	1.940151	3.980609	-2.813973
O	3.735544	4.037063	-0.343258
Ti	3.429089	3.163647	-1.966452
O	5.160686	2.427544	-2.264701
O	2.424089	1.766513	2.060055
Ti	-2.822153	3.962247	-1.235939
O	-2.873234	5.525332	-0.112782
Ti	-2.765795	4.623069	1.522250
O	-3.044822	2.901970	0.386831
O	-0.947862	4.235403	1.801690
O	-1.192155	3.795458	-2.104225
O	-0.061030	1.186688	-2.665807
Ti	0.522233	2.947581	-2.016741
O	0.808885	3.041251	-0.157767
O	-0.220402	1.331906	2.109815
Ti	0.586005	3.143154	1.709861
O	2.239620	4.363347	2.128923
Ti	3.841269	-2.428028	7.292065
O	3.892203	-3.992008	6.169914
Ti	3.784257	-3.091244	4.534156
O	4.062627	-1.368805	5.668576
O	1.966207	-2.703764	4.254834
O	2.210708	-2.262349	8.160092
O	1.078576	0.344987	8.722025
Ti	0.495530	-1.416245	8.072999
O	0.208333	-1.510031	6.214044
O	1.237822	0.199415	3.946819

Ti	0.431397	-1.611986	4.346501
O	-1.222052	-2.831998	3.927562
O	-1.406375	-0.235449	3.995471
O	-1.433069	-0.025475	7.951145
O	-0.922637	-2.448972	8.870234
O	-2.718145	-2.504994	6.399762
Ti	-2.410826	-1.632493	8.022848
O	-4.143296	-0.896140	8.321324
Ti	-2.664035	-1.679328	4.701755
O	-4.317822	-1.689827	3.820337
Ti	-5.093025	0.071533	4.222373
Ti	-4.561338	0.426140	7.050474
O	-5.041170	2.013505	3.824113
Ti	-3.841787	3.543428	4.190419
O	-4.184878	4.074022	5.895455
O	-4.395045	2.126406	7.660302
Ti	-3.184001	3.677527	7.553943
O	-3.406127	0.203322	5.481762
O	-2.828701	5.402275	3.484613
O	-2.157926	2.733031	4.041187
Ti	-0.591806	1.648687	4.283268
O	-6.031316	0.048974	5.846050
O	-0.397698	1.724041	6.137711
O	-1.916393	2.714407	8.589438
Ti	-0.457975	1.723866	7.999810
O	-2.968405	5.413006	8.389494
O	5.531295	-2.373388	3.806295
Ti	6.930077	2.600679	7.869723
Ti	6.983855	2.698397	5.072555
O	6.973761	0.941654	8.718521
Ti	5.830172	-0.268464	7.792065
O	6.583388	-0.367243	6.054141
O	6.965699	1.344390	3.761918
Ti	5.679975	-0.419109	4.392124
O	5.655138	2.330431	6.435527
O	5.436179	-2.084268	8.217330
O	4.086254	0.340726	8.221978
Ti	2.581573	1.441962	7.909130
O	8.233431	2.863754	6.520085
O	2.233478	1.257350	6.134089
O	4.273118	0.759140	3.970348
Ti	2.655881	1.690184	4.322683
Ti	4.617861	4.704649	8.133477
O	6.286229	4.059052	8.829877
O	3.601864	3.416922	4.624696
O	3.548232	6.039977	3.973711
O	5.041093	5.512516	6.509060
Ti	4.804681	4.917598	4.745765
O	6.600404	4.361644	4.367861
O	3.555458	3.152832	8.068379
Ti	-1.411193	5.666341	4.718075
O	-1.568899	7.070487	6.023125

Ti	-1.414153	5.981123	7.542511
O	-1.509338	4.423799	6.276885
O	0.184913	5.845513	8.395628
O	0.254752	5.857612	4.004542
O	0.910929	3.015622	3.913701
Ti	1.947393	4.922781	4.111604
O	1.777047	4.775834	6.103602
O	1.039494	2.941400	8.511108
Ti	1.689456	4.701268	7.924150
O	3.153173	5.687191	8.738465

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Ti	2.534377	-4.111995	1.462184
O	2.810064	-5.551889	0.210561
Ti	2.616418	-4.520946	-1.337171
O	2.562410	-2.923927	-0.138610
O	0.991580	-4.495593	-2.170674
O	0.876352	-4.326274	2.166310
O	0.139192	-1.464390	2.187538
Ti	-0.824675	-3.403969	2.020403
O	-0.719580	-3.172936	0.017896
O	-0.064086	-1.480757	-2.391082
Ti	-0.433319	-3.253755	-1.786314
O	-1.950535	-3.840432	-2.762190
O	-2.895088	-1.251914	-2.493296
O	-2.609809	-1.910749	2.034035
O	-2.353745	-4.577000	1.899494
O	-3.765213	-3.942026	-0.625611
Ti	-3.656844	-3.444535	1.176920
O	-5.347258	-3.182541	1.910981
Ti	-3.548494	-2.996223	-2.221219
O	-5.407300	-2.506451	-2.416099
Ti	-5.707527	-1.090890	-1.240143
Ti	-5.619791	-1.287364	1.590189
O	-5.730006	0.580476	-2.051167
Ti	-4.774546	2.063662	-1.351525
O	-5.644776	2.217403	0.294293
O	-5.887901	0.503792	2.402442
Ti	-4.597419	2.157014	1.880125
O	-4.291378	-1.195550	0.134660
O	-4.474623	3.814488	-2.082998
O	-2.963387	1.512118	-1.751629
Ti	-1.696309	0.108469	-1.910687
O	-6.927822	-1.274184	0.198444
O	-1.268373	-0.149512	-0.130270
O	-3.117868	0.994949	1.934411
Ti	-1.627319	-0.137340	1.707727
O	-4.310147	4.072593	2.520686
O	4.121005	-3.895656	-2.212998
Ti	6.259826	1.514524	1.715908
Ti	5.560529	1.134556	-1.034981
O	6.182003	-0.407428	2.219901

Ti	4.878445	-1.901520	1.971101
O	5.181514	-2.440897	0.255727
O	5.396354	-0.576171	-1.648697
Ti	4.214279	-2.108190	-1.436060
O	4.514747	1.346795	0.606915
O	3.908014	-3.775482	2.706797
O	3.215662	-1.095240	2.097239
Ti	1.586359	-0.116065	1.801038
O	7.121942	1.478796	0.053581
O	1.413449	-0.146693	-0.062050
O	2.846608	-1.257256	-2.439099
Ti	1.402310	-0.188915	-1.914992
Ti	3.743927	3.233302	1.503885
O	5.578538	3.255211	2.093985
O	2.376582	1.541029	-1.973690
O	1.870001	4.006015	-2.768861
O	3.655666	3.990261	-0.245657
Ti	3.322217	3.176107	-1.878846
O	5.067000	2.468800	-2.243829
O	2.464255	1.768939	2.010828
Ti	-2.803010	4.110681	-1.273694
O	-2.766695	5.666998	-0.151242
Ti	-2.691807	4.784798	1.513955
O	-3.121623	3.089986	0.385339
O	-0.893195	4.349645	1.755644
O	-1.210659	3.905874	-2.238812
O	-0.159052	1.142990	-2.706710
Ti	0.415052	2.935129	-2.102666
O	0.628033	2.909188	-0.240615
O	-0.207469	1.325160	2.055547
Ti	0.577112	3.166343	1.619622
O	2.134627	4.439007	1.922514
Ti	3.524213	-3.154215	7.509401
O	3.732730	-4.351089	6.051110
Ti	3.781473	-3.016610	4.684944
O	4.187289	-1.753369	6.305774
O	2.046510	-2.445924	4.435058
O	1.799395	-3.024453	8.116285
O	1.115414	-0.027629	8.290824
Ti	0.176293	-1.981766	8.232391
O	0.040208	-1.583639	6.324925
O	1.299934	0.250567	3.963093
Ti	0.346219	-1.531191	4.505929
O	-1.133891	-2.825668	3.971718
O	-1.501046	-0.165359	3.996603
O	-1.744276	-0.409525	8.221341
O	-1.421245	-3.116932	8.406479
O	-2.962173	-2.595524	5.916842
Ti	-2.745073	-2.042381	7.681124
O	-4.595991	-1.528360	7.981432
Ti	-2.818002	-1.629918	4.297923
O	-4.654650	-1.363416	3.593816

Ti	-5.249158	0.397227	4.354149
Ti	-4.912299	0.085993	7.154541
O	-4.723127	2.185874	4.062630
Ti	-3.511711	3.839903	4.437962
O	-4.543676	3.672026	6.088661
O	-4.931072	1.580475	8.350030
Ti	-3.867997	3.315984	7.758711
O	-3.671999	0.041549	5.653204
O	-2.796451	5.816129	3.329651
O	-1.959776	2.849576	4.078802
Ti	-0.499504	1.664262	4.224641
O	-6.335843	0.228167	5.888594
O	-0.342911	1.267136	6.043547
O	-2.277757	2.380881	7.840225
Ti	-0.677185	1.302822	7.864527
O	-3.436980	5.258768	8.179113
O	5.473594	-2.194189	3.933784
Ti	7.285369	2.666731	7.760731
Ti	6.949405	2.976910	4.960069
O	6.760610	0.877982	8.052297
Ti	5.548681	-0.775578	7.676295
O	6.579769	-0.606409	6.024717
O	6.967720	1.484374	3.764735
Ti	5.904207	-0.251577	4.354588
O	5.708522	3.020903	6.460940
O	4.833883	-2.751275	8.783692
O	3.996028	0.214375	8.034986
Ti	2.534519	1.398259	7.888310
O	8.372536	2.835712	6.226718
O	2.378254	1.794130	6.069409
O	4.313607	0.683816	4.272436
Ti	2.712297	1.759974	4.248304
Ti	4.853409	4.693405	7.815045
O	6.690007	4.427414	8.520627
O	3.779033	3.472201	3.891869
O	3.457654	6.179832	3.706475
O	4.997639	5.657531	6.195608
Ti	4.781435	5.105001	4.431140
O	6.632516	4.590302	4.133204
O	3.536112	3.228246	8.115589
Ti	-1.487210	6.219110	4.603680
O	-1.695879	7.415689	6.062290
Ti	-1.744829	6.081268	7.428169
O	-2.150502	4.818366	5.807372
O	-0.010471	5.510012	7.678542
O	0.237416	6.088691	3.996495
O	0.919963	3.090543	3.822274
Ti	1.859805	5.044598	3.880581
O	1.994867	4.645905	5.788098
O	0.735240	2.812220	8.149670
Ti	1.689249	4.594026	7.606912
O	3.169808	5.888491	8.141146

Ti	4.841088	-1.043863	13.385833
O	4.805036	-2.601597	12.265556
Ti	4.728136	-1.721264	10.599460
O	5.154902	-0.024488	11.726374
O	2.928710	-1.287532	10.357702
O	3.248339	-0.839422	14.350482
O	2.194344	1.921164	14.819348
Ti	1.620966	0.128955	14.215207
O	1.406824	0.153922	12.353286
O	2.242195	1.738075	10.057472
Ti	1.458649	-0.103838	10.493198
O	-0.099338	-1.375784	10.190404
O	-0.429069	1.294150	10.102247
O	-0.341075	1.523470	14.087087
O	0.166412	-0.941889	14.881772
O	-1.620350	-0.926999	12.358641
Ti	-1.286402	-0.112429	13.991834
O	-3.031078	0.594611	14.356755
Ti	-1.708751	-0.170081	10.608751
O	-3.543563	-0.190074	10.020274
Ti	-4.223960	1.550367	10.397696
Ti	-3.524118	1.929731	13.148615
O	-4.145989	3.471324	9.893178
Ti	-2.842372	4.966596	10.141103
O	-3.146077	5.506027	11.857616
O	-3.360338	3.640206	13.762076
Ti	-2.178596	5.172935	13.548362
O	-2.478682	1.717502	11.506618
O	-1.872001	6.840445	9.404475
O	-1.180031	4.158991	10.015925
Ti	0.448568	3.178900	10.311935
O	-5.085930	1.586237	12.060159
O	0.622399	3.210579	12.174645
O	-0.810700	4.321702	14.551882
Ti	0.633121	3.253129	14.027520
O	-2.084970	6.960020	14.325807
O	6.346850	-1.007889	9.594026
Ti	7.744997	4.158431	13.354471
Ti	7.655003	4.351890	10.524082
O	7.770972	2.487487	14.167820
Ti	6.813899	1.005351	13.470104
O	7.679283	0.850694	11.822045
O	7.923720	2.561119	9.713137
Ti	6.632203	0.907854	10.235116
O	6.328273	4.258878	11.980846
O	6.512204	-0.746908	14.196632
O	5.003423	1.556705	13.868080
Ti	3.731373	2.956941	14.024177
O	8.964392	4.341794	11.915609
O	3.303915	3.209923	12.243077
O	5.153374	2.070288	10.177311
Ti	3.661593	3.201041	10.404952

Ti	5.583515	6.061927	14.333715
O	7.443066	5.574442	14.529649
O	4.645481	4.974233	10.080185
O	4.387909	7.641516	10.212209
O	5.800310	7.006664	12.737067
Ti	5.691152	6.509752	10.934658
O	7.381622	6.246707	10.201083
O	4.929372	4.319289	14.605987
Ti	-0.498165	7.177014	10.650776
O	-0.773491	8.616641	11.902874
Ti	-0.579696	7.585026	13.450155
O	-0.527041	5.988511	12.251014
O	1.044559	7.559965	14.283622
O	1.159764	7.390819	9.945944
O	1.895912	4.527537	9.925692
Ti	2.859655	6.467683	10.092224
O	2.755283	6.235840	12.094527
O	2.099995	4.544651	14.503931
Ti	2.468811	6.317840	13.898916
O	3.987440	6.906926	14.874037

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Ti	2.489640	-4.124021	1.339654
O	2.757928	-5.507738	0.017724
Ti	2.563252	-4.407457	-1.481507
O	2.538689	-2.858661	-0.207073
O	0.942180	-4.315350	-2.311071
O	0.838810	-4.406106	2.018361
O	0.068305	-1.527128	2.092597
Ti	-0.856697	-3.465528	1.897015
O	-0.775844	-3.113348	-0.088261
O	-0.009975	-1.362838	-2.482552
Ti	-0.532211	-3.127849	-1.900613
O	-2.028157	-3.887192	-2.810448
O	-2.753643	-1.368418	-2.227911
O	-2.661613	-1.989176	2.027008
O	-2.383603	-4.631750	1.783401
O	-3.898067	-4.038301	-0.632413
Ti	-3.750489	-3.505029	1.160831
O	-5.416321	-3.290352	1.970832
Ti	-3.592105	-3.033846	-2.169479
O	-5.393163	-2.375620	-2.346167
Ti	-5.681901	-1.033392	-1.073855
Ti	-5.709947	-1.383417	1.766653
O	-5.620117	0.658517	-1.758714
Ti	-4.537169	2.180675	-1.227329
O	-5.539119	2.236536	0.422244
O	-5.983655	0.366906	2.704967
Ti	-4.808635	1.922506	2.095901
O	-4.314808	-1.263439	0.346739
O	-4.366595	3.909381	-2.105467
O	-2.949506	1.424034	-2.019839

Ti	-1.598762	0.155346	-1.915498
O	-6.954452	-1.257804	0.342259
O	-1.245318	0.017570	-0.112724
O	-3.211799	0.979267	1.958298
Ti	-1.731633	-0.200303	1.691358
O	-4.381030	3.875722	2.499353
O	4.090295	-3.756866	-2.298219
Ti	6.207750	1.562660	2.040905
Ti	5.632106	1.217337	-0.785592
O	6.064375	-0.394270	2.383190
Ti	4.843125	-1.893064	1.982432
O	5.155957	-2.427100	0.273622
O	5.416452	-0.467879	-1.428877
Ti	4.193306	-2.013360	-1.421477
O	4.522613	1.423442	0.838032
O	3.787775	-3.821775	2.673723
O	3.142782	-1.167032	2.132412
Ti	1.501072	-0.199864	1.786298
O	7.127990	1.570993	0.404719
O	1.474364	-0.175256	-0.094472
O	2.950071	-1.106729	-2.521261
Ti	1.475284	-0.101851	-1.942898
Ti	3.635516	3.188389	1.610648
O	5.489417	3.369737	2.421348
O	2.475348	1.615954	-1.875716
O	1.949654	4.092541	-2.645729
O	3.704453	4.020929	-0.094921
Ti	3.392230	3.239684	-1.757074
O	5.172790	2.545868	-2.014466
O	2.342431	1.704844	2.013632
Ti	-2.742005	4.383909	-1.321472
O	-2.831513	5.756093	-0.014372
Ti	-2.790350	4.619036	1.521564
O	-2.989642	3.101090	0.137726
O	-1.003625	4.223859	1.848585
O	-1.142892	4.108088	-2.236706
O	-0.059413	1.260692	-2.691054
Ti	0.440644	3.048861	-2.056012
O	0.572453	2.924050	-0.207783
O	-0.297791	1.248918	2.103297
Ti	0.489174	3.078975	1.672539
O	2.015919	4.398151	1.893005
Ti	3.589424	-2.801326	7.390014
O	3.742626	-4.199763	6.096627
Ti	3.701756	-3.056249	4.598884
O	4.275438	-1.557075	6.079111
O	1.959943	-2.440476	4.530443
O	1.868399	-2.663417	7.995686
O	1.150911	0.014018	8.319869
Ti	0.131927	-1.876988	8.307379
O	-0.436517	-1.732538	6.337266
O	1.237801	0.109360	3.975502

Ti	0.214598	-1.596035	4.549188
O	-1.086349	-2.952857	3.866736
O	-1.550330	-0.290988	3.916309
O	-1.723251	-0.435648	8.157448
O	-1.239375	-3.249873	8.448822
O	-2.973830	-3.057751	5.682934
Ti	-2.432468	-2.339988	7.340557
O	-4.138877	-1.819007	7.974830
Ti	-2.855658	-1.834977	4.264454
O	-4.726169	-1.498806	3.719985
Ti	-5.119871	0.232742	4.691799
Ti	-4.291183	0.004927	7.473881
O	-4.704586	2.044570	4.264228
Ti	-3.625948	3.795619	4.460538
O	-4.635766	4.029113	6.034265
O	-4.650293	1.906400	8.062002
Ti	-3.646343	3.681072	7.605788
O	-3.372491	-0.210758	5.674706
O	-2.839591	5.584739	3.429803
O	-2.044111	2.761714	4.309581
Ti	-0.598666	1.573850	4.238785
O	-5.914663	0.100415	6.339974
O	-0.311099	0.985741	6.004819
O	-2.095832	2.582558	7.699799
Ti	-0.683622	1.331011	7.789132
O	-3.323795	5.564191	8.308526
O	5.473088	-2.343523	3.898420
Ti	7.409517	2.662115	8.052072
Ti	7.139015	2.761174	5.246831
O	7.087520	0.814027	8.407220
Ti	5.774882	-0.652006	7.859650
O	6.698915	-0.647455	6.196083
O	6.930276	1.318833	4.024362
Ti	5.744858	-0.447510	4.575161
O	5.857262	2.806074	6.722636
O	4.884352	-2.512078	8.733067
O	4.187143	0.314281	8.035278
Ti	2.604287	1.377661	7.951284
O	8.543804	2.732919	6.555142
O	2.335723	1.716165	6.133859
O	4.251809	0.637609	4.315074
Ti	2.588642	1.597413	4.304950
Ti	4.945278	4.644834	7.717039
O	6.741889	4.460510	8.592066
O	3.616563	3.313121	3.927207
O	3.622688	5.945248	3.575813
O	5.111525	5.327925	5.974740
Ti	4.962412	4.793892	4.155152
O	6.903615	4.287693	4.314998
O	3.599084	3.221986	8.162181
Ti	-1.460758	6.002035	4.668451
O	-1.601807	7.385452	5.976388

Ti	-1.635532	6.255160	7.498829
O	-2.146428	4.768622	6.033331
O	0.081096	5.638445	7.746242
O	0.251988	5.914398	4.022871
O	0.835184	2.973458	3.855163
Ti	1.932071	4.936543	3.870792
O	1.967164	4.603288	5.779729
O	0.769574	2.817941	8.104759
Ti	1.707909	4.580091	7.584046
O	3.263351	5.860378	7.971000
Ti	4.517294	-1.402589	13.501705
O	4.658110	-2.786350	12.193646
Ti	4.692036	-1.657078	10.670804
O	5.202717	-0.169447	12.137148
O	2.975371	-1.040656	10.423316
O	2.804046	-1.315891	14.146924
O	2.218118	1.620894	14.314079
Ti	1.121707	-0.341264	14.298308
O	1.085897	-0.010533	12.389515
O	2.286389	1.777008	10.064422
Ti	1.346670	0.014710	10.584834
O	-0.208747	-1.265161	10.197595
O	-0.544540	1.373466	10.006917
O	-0.563184	1.282905	14.242006
O	-0.568079	-1.349574	14.594273
O	-2.056667	-0.733921	12.194801
Ti	-1.908889	-0.199761	14.013907
O	-3.850163	0.305779	13.856523
Ti	-1.890632	-0.048685	10.452989
O	-3.686277	0.137445	9.577376
Ti	-4.353402	1.935923	10.119017
Ti	-4.085995	1.832887	12.923916
O	-4.023529	3.781701	9.767051
Ti	-2.713527	5.253282	10.314492
O	-3.647925	5.240296	11.975073
O	-3.878066	3.274888	14.149339
Ti	-2.695752	5.040418	13.595236
O	-2.802035	1.788152	11.450005
O	-1.827011	7.116053	9.436598
O	-1.127437	4.283970	10.134941
Ti	0.451445	3.216776	10.217727
O	-5.489208	1.862405	11.615121
O	0.718806	2.874099	12.035441
O	-1.197759	3.960062	13.848074
Ti	0.463063	2.996895	13.863653
O	-2.420324	6.936828	14.269579
O	6.382094	-0.966765	9.866101
Ti	8.174821	4.366525	13.478533
Ti	7.345961	4.593056	10.696820
O	7.761740	2.554369	13.908104
Ti	6.682461	0.804297	13.712587
O	7.692720	0.570254	12.139498

O	7.705023	2.692828	10.110328
Ti	6.703820	0.917012	10.567296
O	6.426749	4.807224	12.495671
O	5.895329	-0.985366	14.741095
O	5.099344	1.836176	13.861637
Ti	3.650441	3.019958	13.929492
O	8.969667	4.499976	11.830649
O	3.364688	3.607992	12.164046
O	5.152418	2.014450	10.469516
Ti	3.739027	3.264477	10.379379
Ti	5.908305	6.431560	13.906924
O	7.780558	6.096989	14.450510
O	4.777905	5.031654	10.011950
O	4.292537	7.846068	9.720417
O	6.025008	7.653282	12.487599
Ti	5.485046	6.936719	10.829724
O	7.192432	6.417313	10.193583
O	4.602779	4.885723	14.251555
Ti	-0.534198	7.405952	10.775467
O	-0.687712	8.799474	12.074772
Ti	-0.650186	7.649377	13.568063
O	-1.228324	6.157941	12.080359
O	1.090113	7.029963	13.634378
O	1.186770	7.263096	10.172066
O	1.904239	4.581545	9.849479
Ti	2.921445	6.473078	9.860705
O	3.489629	6.327593	11.831110
O	1.814697	4.484113	14.193565
Ti	2.837986	6.190542	13.618613
O	4.136121	7.548061	14.301512
Ti	5.796150	0.212132	19.492762
O	5.888094	-1.158509	18.184461
Ti	5.845306	-0.020564	16.649570
O	6.041586	1.496830	18.036088
O	4.058779	0.373282	16.322666
O	4.196989	0.488122	20.407510
O	3.112441	3.334706	20.859807
Ti	2.613135	1.547064	20.225674
O	2.479752	1.670983	18.377233
O	3.350284	3.344850	16.065632
Ti	2.563172	1.514895	16.497185
O	1.036898	0.196596	16.276752
O	0.709713	2.889004	16.154607
O	0.577169	2.980517	20.045072
O	1.104022	0.503654	20.816553
O	-0.651081	0.574103	18.264594
Ti	-0.339491	1.355168	19.927332
O	-2.119041	2.049842	20.184803
Ti	-0.582569	1.406224	16.559603
O	-2.437797	1.224872	15.749317
Ti	-3.155855	3.031395	16.130965
Ti	-2.577918	3.378379	18.956583

O	-3.010942	4.986668	15.787078
Ti	-1.790037	6.488301	16.186093
O	-2.103648	7.025144	17.894704
O	-2.362571	5.064383	19.598183
Ti	-1.140077	6.610023	19.589099
O	-1.469798	3.170744	17.332414
O	-0.733578	8.415113	15.491842
O	-0.090859	5.760907	16.036458
Ti	1.550897	4.794453	16.383206
O	-4.075120	3.025019	17.767617
O	1.579800	4.769110	18.262374
O	0.102973	5.703433	20.689410
Ti	1.577252	4.697535	20.112812
O	-1.035720	8.353410	20.465687
O	7.436219	0.724793	15.673755
Ti	8.734522	5.637581	19.244876
Ti	8.768838	5.985500	16.401690
O	8.668503	3.946672	19.924733
Ti	7.588171	2.418735	19.398904
O	8.592387	2.363801	17.749615
O	9.039458	4.234482	15.466266
Ti	7.865080	2.678021	16.075844
O	7.368938	5.874644	17.822283
O	7.419145	0.689356	20.277413
O	6.004459	3.178390	20.195844
Ti	4.651095	4.444476	20.084043
O	10.009017	5.860277	17.828430
O	4.299081	4.575803	18.283034
O	6.267828	3.620771	16.213245
Ti	4.782490	4.795301	16.474871
Ti	6.645864	7.639118	20.340241
O	8.444910	6.975243	20.520522
O	5.714329	6.581857	16.138757
O	5.438646	9.221913	16.390625
O	6.955149	8.644355	18.804137
Ti	6.806842	8.096233	17.015121
O	8.472451	7.892547	16.197942
O	5.802004	5.973084	20.386917
Ti	0.564507	8.719670	16.827683
O	0.297381	10.103313	18.149864
Ti	0.491936	9.003188	19.649281
O	0.514570	7.453986	18.373739
O	2.112839	8.908294	20.478797
O	2.215783	8.999841	16.149272
O	2.983090	6.121699	16.076608
Ti	3.911576	8.059275	16.272826
O	3.829182	7.706560	18.257658
O	3.062830	5.956933	20.655266
Ti	3.589371	7.721065	20.070689
O	5.078937	8.488231	20.982537

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Ti	2.494366	-4.142558	1.264361
O	2.748306	-5.490564	-0.090415
Ti	2.539928	-4.348735	-1.561152
O	2.539082	-2.834547	-0.247041
O	0.910391	-4.226929	-2.366485
O	0.844459	-4.449676	1.944534
O	0.040639	-1.562519	2.058172
Ti	-0.846172	-3.511962	1.867931
O	-0.798079	-3.118998	-0.107860
O	-0.001341	-1.317198	-2.534643
Ti	-0.586408	-3.066213	-1.927955
O	-2.051203	-3.921937	-2.825826
O	-2.647314	-1.426848	-2.144462
O	-2.688466	-2.067650	1.942887
O	-2.349424	-4.746133	1.794048
O	-3.904268	-4.054343	-0.617511
Ti	-3.726104	-3.649915	1.194052
O	-5.397688	-3.317335	1.915965
Ti	-3.578465	-3.043886	-2.150304
O	-5.338070	-2.324981	-2.354775
Ti	-5.658337	-0.966367	-1.092323
Ti	-5.671818	-1.394922	1.714113
O	-5.656293	0.712208	-1.820079
Ti	-4.520225	2.193096	-1.273874
O	-5.518032	2.237983	0.383029
O	-6.023461	0.334272	2.684593
Ti	-4.839402	1.878144	2.068654
O	-4.308794	-1.071298	0.333271
O	-4.335742	3.924294	-2.150545
O	-2.962161	1.396063	-2.098393
Ti	-1.572010	0.188984	-1.927896
O	-6.932141	-1.298920	0.296695
O	-1.237312	0.075840	-0.128151
O	-3.222147	0.969868	1.972945
Ti	-1.786860	-0.254362	1.648974
O	-4.409859	3.839493	2.450243
O	4.078107	-3.700329	-2.361846
Ti	6.056357	1.504334	2.223369
Ti	5.636846	1.229017	-0.674564
O	6.120870	-0.486454	2.429574
Ti	4.867256	-1.939120	1.947296
O	5.177525	-2.449131	0.232464
O	5.424191	-0.435327	-1.378624
Ti	4.204689	-1.978722	-1.446172
O	4.434426	1.412384	0.872145
O	3.802682	-3.877497	2.591310
O	3.152970	-1.209907	2.097272
Ti	1.492403	-0.254375	1.758760
O	7.048056	1.537498	0.605216
O	1.452191	-0.219704	-0.120723
O	2.973875	-1.061899	-2.554824
Ti	1.487215	-0.088088	-1.965003

Ti	3.562627	3.196746	1.562241
O	5.411927	3.422297	2.393232
O	2.496086	1.620142	-1.861788
O	1.984302	4.079525	-2.678075
O	3.663403	4.062917	-0.111746
Ti	3.421062	3.232050	-1.766355
O	5.217241	2.562381	-1.925303
O	2.252827	1.693111	1.954145
Ti	-2.727269	4.415571	-1.350707
O	-2.842931	5.762889	-0.021277
Ti	-2.820090	4.602946	1.498388
O	-2.972398	3.105281	0.077613
O	-1.053907	4.186997	1.868983
O	-1.122745	4.157956	-2.262844
O	-0.043187	1.296839	-2.709412
Ti	0.450519	3.082145	-2.080569
O	0.551166	2.948645	-0.231521
O	-0.342277	1.200500	2.090586
Ti	0.426192	3.025867	1.654101
O	1.937166	4.370760	1.893731
Ti	3.584349	-2.479998	7.254085
O	3.815135	-4.020700	6.118621
Ti	3.636153	-3.098512	4.506243
O	3.978626	-1.350183	5.702917
O	1.836504	-2.622807	4.395814
O	1.856261	-2.583190	7.863818
O	1.091367	0.009547	8.259932
Ti	0.099252	-1.892315	8.247770
O	-0.499202	-1.757377	6.282818
O	1.224962	0.050322	3.939470
Ti	0.188217	-1.645674	4.499713
O	-1.132179	-3.005437	3.816635
O	-1.584985	-0.343082	3.866877
O	-1.776159	-0.457697	8.127183
O	-1.259403	-3.277684	8.402708
O	-3.009051	-3.116825	5.644039
Ti	-2.460367	-2.381090	7.296146
O	-4.171188	-1.878630	7.931092
Ti	-2.878461	-1.887623	4.237644
O	-4.738172	-1.546493	3.679035
Ti	-5.151131	0.187673	4.652318
Ti	-4.322450	-0.054386	7.433356
O	-4.727105	2.003323	4.234266
Ti	-3.655079	3.760470	4.401077
O	-4.697499	4.016161	5.946895
O	-4.647761	1.866270	7.968191
Ti	-3.699391	3.671343	7.509246
O	-3.400991	-0.267334	5.635786
O	-2.889016	5.567973	3.411754
O	-2.067229	2.741540	4.302480
Ti	-0.637683	1.523084	4.217790
O	-5.947265	0.044003	6.297378

O	-0.374774	0.945306	5.982808
O	-2.139074	2.583258	7.699529
Ti	-0.731085	1.317843	7.771066
O	-3.411820	5.591935	8.195006
O	5.443254	-2.395390	3.879450
Ti	7.006020	2.963259	8.364127
Ti	7.011467	2.790884	5.445097
O	7.154039	0.965627	8.558253
Ti	5.951430	-0.458377	7.970435
O	6.572028	-0.651508	6.232342
O	6.821514	1.328720	4.237672
Ti	5.608050	-0.476103	4.572207
O	5.587897	2.836575	6.816428
O	4.955465	-2.344315	8.566228
O	4.191844	0.243610	8.038631
Ti	2.591311	1.325698	7.891855
O	8.228394	3.010890	6.916271
O	2.379194	1.479479	6.047674
O	4.343903	0.842716	3.908968
Ti	2.567043	1.569865	4.209448
Ti	4.712675	4.703277	7.400231
O	6.274327	4.846524	8.591176
O	3.537374	3.348230	3.947262
O	3.549341	5.953652	3.467142
O	5.064064	5.495230	5.782576
Ti	4.913632	4.812850	3.983094
O	6.822825	4.235997	4.389563
O	3.423570	3.232690	8.057956
Ti	-1.520786	5.975328	4.667634
O	-1.663318	7.376185	5.969928
Ti	-1.680642	6.277924	7.505625
O	-2.182865	4.746577	6.028879
O	0.032261	5.641648	7.737336
O	0.198025	5.885698	4.046176
O	0.813239	2.923170	3.861985
Ti	1.879470	4.915104	3.873286
O	1.968452	4.597140	5.784126
O	0.695259	2.790839	8.059670
Ti	1.610118	4.543720	7.588373
O	3.196896	5.863589	8.003236
Ti	4.497363	-1.030210	13.345463
O	4.715638	-2.554513	12.178155
Ti	4.641799	-1.639106	10.547944
O	4.918558	0.088385	11.776541
O	2.868686	-1.214062	10.244457
O	2.839537	-1.120546	14.092671
O	2.153639	1.642342	14.414529
Ti	1.068727	-0.277862	14.266324
O	1.191148	0.006759	12.317732
O	2.192775	1.718809	10.010067
Ti	1.316136	-0.069258	10.526246
O	-0.255872	-1.313469	10.150054

O	-0.558927	1.330384	10.020100
O	-0.564821	1.239518	13.716833
O	-0.569450	-1.345827	14.522662
O	-2.170088	-0.827134	12.105983
Ti	-1.883361	-0.184069	13.893310
O	-3.816114	0.390060	13.846419
Ti	-1.943569	-0.102516	10.406812
O	-3.762886	0.083377	9.536072
Ti	-4.388607	1.895233	10.034494
Ti	-4.056560	1.858804	12.831978
O	-4.225151	3.787752	9.640327
Ti	-2.842018	5.131459	10.150621
O	-3.432962	5.385559	11.888734
O	-3.725303	3.387497	13.863324
Ti	-2.492026	5.174043	13.550331
O	-2.813699	1.802257	11.296585
O	-1.775350	6.934298	9.544076
O	-1.224536	4.224532	10.064324
Ti	0.399342	3.173180	10.239608
O	-5.492372	1.842096	11.547915
O	0.626799	3.295451	12.066169
O	-1.250941	3.851712	14.311227
Ti	0.423647	2.940377	13.895426
O	-2.373305	7.068582	14.272912
O	6.446428	-0.941274	9.954219
Ti	8.461831	4.234098	14.193539
Ti	8.127521	4.269056	11.395594
O	8.302772	2.341273	14.588196
Ti	6.918423	0.999473	14.078261
O	7.503340	0.743003	12.338505
O	7.794216	2.740426	10.364924
Ti	6.562592	0.954016	10.676254
O	6.886376	4.325487	12.932628
O	5.848853	-0.802787	14.680264
O	5.300078	1.904317	14.165945
Ti	3.673996	2.952604	13.986402
O	9.564496	4.286797	12.679034
O	3.456094	2.825593	12.159156
O	5.323219	2.276287	9.908891
Ti	3.648285	3.186426	10.329552
Ti	6.015661	6.229971	13.820112
O	7.835555	6.045217	14.692279
O	4.635470	4.887546	10.508993
O	4.640764	7.473295	9.703542
O	6.241634	6.953829	12.120573
Ti	5.954425	6.311067	10.332761
O	7.887176	5.736896	10.380709
O	4.630570	4.797195	14.206013
Ti	-0.423430	7.164487	10.880091
O	-0.640577	8.687298	12.049642
Ti	-0.569970	7.767241	13.677350
O	-0.849335	6.043115	12.445381

O	1.201549	7.337468	13.981353
O	1.234355	7.253323	10.132301
O	1.919201	4.484451	9.811218
Ti	3.002482	6.405597	9.959174
O	2.878403	6.118217	11.907608
O	1.881031	4.406236	14.215258
Ti	2.756301	6.195082	13.699177
O	4.326945	7.440939	14.074880
Ti	5.594320	0.155084	19.559296
O	5.737954	-1.246151	18.257314
Ti	5.754786	-0.148394	16.721285
O	6.256804	1.383569	18.198528
O	4.040707	0.486498	16.491203
O	3.875172	0.244097	20.180317
O	3.259390	3.203600	20.364233
Ti	2.192252	1.212758	20.352252
O	2.101470	1.527915	18.441627
O	3.377805	3.335223	16.166878
Ti	2.461986	1.582550	16.637151
O	0.874017	0.264561	16.221933
O	0.647619	2.894469	16.166494
O	0.533249	2.779846	20.280150
O	0.521749	0.175166	20.760182
O	-0.992265	0.633341	18.443210
Ti	-0.842559	1.315213	20.242923
O	-2.751788	1.891367	19.835285
Ti	-0.641531	1.425255	16.825025
O	-2.203191	1.282290	15.634210
Ti	-2.936576	3.164646	15.862679
Ti	-2.940722	3.336017	18.781658
O	-3.079651	5.161320	15.668732
Ti	-1.876024	6.585915	16.256337
O	-2.501579	6.778009	17.993238
O	-2.751459	4.797838	19.990258
Ti	-1.537594	6.603288	19.652997
O	-1.517838	3.291114	17.409920
O	-0.883129	8.473096	15.659298
O	-0.118791	5.880981	16.187042
Ti	1.482542	4.800478	16.333345
O	-4.158447	3.116495	17.310183
O	1.696364	4.641917	18.177213
O	-0.271296	5.286281	20.310019
Ti	1.505106	4.557282	20.015233
O	-1.371376	8.522714	20.345483
O	7.486997	0.537051	16.033484
Ti	9.224600	5.942152	19.575844
Ti	8.396876	6.181927	16.794726
O	8.799862	4.126426	19.994061
Ti	7.728675	2.369192	19.827157
O	8.772193	2.114630	18.281787
O	8.722391	4.263641	16.259236
Ti	7.774486	2.457881	16.719126

O	7.474422	6.395781	18.591484
O	6.961995	0.561931	20.816087
O	6.140289	3.387804	19.926418
Ti	4.709492	4.604568	20.008356
O	10.021302	6.086895	17.930933
O	4.448579	5.181153	18.242582
O	6.213647	3.545988	16.526692
Ti	4.803850	4.808573	16.454327
Ti	6.950219	8.015469	19.989548
O	8.809337	7.675904	20.548898
O	5.846551	6.585949	16.098118
O	5.330644	9.405567	15.823627
O	7.079656	9.243980	18.582078
Ti	6.530941	8.508579	16.930345
O	8.242796	8.007444	16.294022
O	5.656407	6.471007	20.358891
Ti	0.487718	8.612113	16.970460
O	0.257642	10.151693	18.107432
Ti	0.434991	9.226462	19.718262
O	0.090943	7.480471	18.518736
O	2.234396	8.749969	19.828977
O	2.215470	8.712491	16.359735
O	2.980147	6.118171	15.965955
Ti	3.972292	8.019913	15.977290
O	4.570218	7.884756	17.943170
O	2.846897	6.076983	20.285195
Ti	3.883405	7.773661	19.726311
O	5.203886	9.133293	20.409617
Ti	6.802176	1.717438	25.578445
O	6.916572	0.368059	24.250650
Ti	6.893506	1.526444	22.729780
O	7.048179	3.025447	24.147920
O	5.126790	1.941593	22.359645
O	5.196802	1.974519	26.489561
O	4.115174	4.833936	26.935320
Ti	3.622623	3.048246	26.306616
O	3.520859	3.181688	24.457413
O	4.412761	4.927283	22.135891
Ti	3.645059	3.100963	22.571992
O	2.134388	1.756837	22.332619
O	1.818107	4.434533	22.270856
O	1.575685	4.510170	26.088168
O	2.088693	2.050343	26.904049
O	0.408450	2.066363	24.337773
Ti	0.652190	2.897073	25.992305
O	-1.144915	3.566168	26.151592
Ti	0.508532	2.931172	22.662903
O	-1.340878	2.706276	21.832684
Ti	-1.987342	4.623046	22.004151
Ti	-1.564876	4.899393	24.901141
O	-2.048219	6.613781	21.795928
Ti	-0.794713	8.066941	22.277742

O	-1.104741	8.576276	23.992242
O	-1.351666	6.563875	25.604735
Ti	-0.132403	8.107488	25.671636
O	-0.364318	4.715454	23.353014
O	0.269007	10.005384	21.633514
O	0.918614	7.336988	22.126823
Ti	2.578978	6.381739	22.466648
O	-2.977519	4.590692	23.622719
O	2.617552	6.349083	24.345587
O	1.098497	7.192200	26.781166
Ti	2.584707	6.217472	26.190375
O	-0.007866	9.830075	26.586534
O	8.483635	2.289910	21.777458
Ti	9.732896	7.098118	25.320877
Ti	9.745048	7.524661	22.513986
O	9.730596	5.419403	26.048585
Ti	8.596580	3.938267	25.501364
O	9.593670	3.892781	23.844335
O	10.095790	5.795842	21.543938
Ti	8.912067	4.251195	22.159510
O	8.382783	7.203966	23.895605
O	8.411755	2.207025	26.377632
O	7.033725	4.731368	26.321149
Ti	5.645222	5.940681	26.154864
O	11.006032	7.429396	23.931073
O	5.307494	6.057385	24.355105
O	7.294449	5.159965	22.256024
Ti	5.856698	6.381709	22.577144
Ti	7.650305	9.170463	26.379379
O	9.412064	8.457135	26.582708
O	6.759175	8.194742	22.284119
O	6.421208	10.872995	22.433344
O	7.972888	10.181001	24.846014
Ti	7.797034	9.775795	23.034634
O	9.469024	9.447020	22.311333
O	6.725114	7.550237	26.378933
Ti	1.577259	10.272165	22.960113
O	1.320748	11.620863	24.314065
Ti	1.529016	10.480095	25.785437
O	1.532689	8.965006	24.472656
O	3.158550	10.361390	26.591952
O	3.227366	10.578710	22.280622
O	4.029771	7.690702	22.166725
Ti	4.917696	9.640077	22.358193
O	4.868214	9.248545	24.334217
O	4.072944	7.449379	26.758703
Ti	4.653225	9.198846	26.153865
O	6.119217	10.047619	27.052622

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Ti	2.501349	-4.130674	1.239828
O	2.742194	-5.471344	-0.122639

Ti	2.533222	-4.325797	-1.590919
O	2.548874	-2.816462	-0.264463
O	0.909829	-4.181457	-2.399098
O	0.851389	-4.454604	1.919239
O	0.022186	-1.564162	2.027751
Ti	-0.836869	-3.523538	1.845599
O	-0.796187	-3.130958	-0.129949
O	0.001510	-1.295827	-2.562250
Ti	-0.607436	-3.042305	-1.952285
O	-2.062243	-3.932222	-2.852478
O	-2.604812	-1.453173	-2.117000
O	-2.699853	-2.088716	1.912015
O	-2.334502	-4.770793	1.784248
O	-3.906614	-4.061282	-0.629125
Ti	-3.717759	-3.685578	1.187282
O	-5.389739	-3.313480	1.885946
Ti	-3.576832	-3.049854	-2.160534
O	-5.317131	-2.303181	-2.380467
Ti	-5.644279	-0.949366	-1.113312
Ti	-5.650241	-1.385595	1.688234
O	-5.652523	0.728403	-1.842472
Ti	-4.514766	2.200964	-1.279268
O	-5.517027	2.251502	0.373466
O	-6.032006	0.331323	2.668955
Ti	-4.846850	1.879988	2.062041
O	-4.294814	-1.021915	0.310107
O	-4.329772	3.932025	-2.155649
O	-2.963034	1.396473	-2.125402
Ti	-1.565403	0.204439	-1.945469
O	-6.915096	-1.302047	0.269826
O	-1.244394	0.098619	-0.143790
O	-3.233774	0.967748	1.959254
Ti	-1.807670	-0.268209	1.621494
O	-4.409840	3.841053	2.445581
O	4.082338	-3.693363	-2.382751
Ti	6.032869	1.495588	2.220785
Ti	5.642345	1.223472	-0.685214
O	6.120563	-0.500917	2.421790
Ti	4.869241	-1.950943	1.936608
O	5.189711	-2.456232	0.223727
O	5.443187	-0.442525	-1.396664
Ti	4.220037	-1.977407	-1.457171
O	4.425268	1.402332	0.848160
O	3.808604	-3.887646	2.578063
O	3.142331	-1.239626	2.079013
Ti	1.488406	-0.270131	1.735516
O	7.038357	1.531076	0.608757
O	1.451691	-0.200015	-0.143415
O	2.990174	-1.056597	-2.565782
Ti	1.497800	-0.083232	-1.989310
Ti	3.555618	3.187920	1.536743
O	5.394515	3.424549	2.373927

O	2.500271	1.626284	-1.898777
O	1.992155	4.088453	-2.697839
O	3.672099	4.060565	-0.133697
Ti	3.429737	3.233693	-1.790120
O	5.224378	2.554756	-1.939094
O	2.243808	1.679844	1.933619
Ti	-2.722678	4.425132	-1.353770
O	-2.839324	5.765556	-0.019003
Ti	-2.815062	4.600940	1.498465
O	-2.963997	3.107653	0.067501
O	-1.049348	4.184598	1.869069
O	-1.120081	4.175022	-2.272426
O	-0.039383	1.314684	-2.723310
Ti	0.455232	3.098499	-2.096862
O	0.553048	2.972141	-0.248552
O	-0.359044	1.189978	2.073180
Ti	0.416522	3.006579	1.636462
O	1.934720	4.351280	1.881646
Ti	3.592360	-2.449792	7.243900
O	3.832995	-4.002273	6.117549
Ti	3.638112	-3.106639	4.495709
O	3.962994	-1.334901	5.671706
O	1.834243	-2.642290	4.374558
O	1.860971	-2.578155	7.845312
O	1.067375	-0.018272	8.229262
Ti	0.081435	-1.928385	8.219613
O	-0.519387	-1.777144	6.259571
O	1.225321	0.033629	3.917096
Ti	0.190023	-1.654599	4.483690
O	-1.134671	-3.009202	3.790696
O	-1.591358	-0.355971	3.840968
O	-1.811515	-0.487658	8.095263
O	-1.270747	-3.321305	8.359734
O	-3.023749	-3.143990	5.613021
Ti	-2.484361	-2.415827	7.270594
O	-4.196084	-1.918117	7.902622
Ti	-2.879819	-1.898648	4.220013
O	-4.735005	-1.553833	3.653037
Ti	-5.154844	0.176437	4.633103
Ti	-4.331137	-0.084996	7.416796
O	-4.729964	1.993378	4.222645
Ti	-3.660429	3.756320	4.398254
O	-4.714067	3.989425	5.940387
O	-4.675101	1.834171	7.952696
Ti	-3.714925	3.636321	7.501278
O	-3.403907	-0.286577	5.618336
O	-2.886486	5.564865	3.411893
O	-2.075400	2.729895	4.295760
Ti	-0.651584	1.508015	4.194654
O	-5.954821	0.018868	6.273517
O	-0.367418	0.925524	5.957557
O	-2.159581	2.547738	7.684284

Ti	-0.753703	1.276067	7.745965
O	-3.442671	5.562873	8.180301
O	5.441555	-2.403510	3.873937
Ti	7.049170	3.009926	8.384361
Ti	7.007186	2.800739	5.447011
O	7.180532	1.019661	8.559851
Ti	5.967896	-0.405994	7.963427
O	6.563850	-0.624020	6.220428
O	6.797003	1.335067	4.245128
Ti	5.593606	-0.477466	4.559686
O	5.601722	2.846201	6.830206
O	4.968995	-2.295191	8.547187
O	4.200496	0.266743	8.036873
Ti	2.568471	1.304383	7.879018
O	8.240409	3.044850	6.907979
O	2.405759	1.428327	6.028138
O	4.346849	0.845804	3.834550
Ti	2.565101	1.556557	4.189086
Ti	4.684475	4.680896	7.361459
O	6.287295	4.903061	8.525505
O	3.532162	3.337710	3.953530
O	3.519898	5.942727	3.458120
O	5.031836	5.501469	5.762219
Ti	4.893502	4.806729	3.964628
O	6.803456	4.237729	4.385828
O	3.407354	3.207509	8.041760
Ti	-1.524213	5.966782	4.674492
O	-1.681329	7.365962	5.976135
Ti	-1.710918	6.261509	7.508676
O	-2.200322	4.729905	6.020042
O	-0.004360	5.606141	7.729261
O	0.192439	5.878176	4.047234
O	0.809633	2.901394	3.842982
Ti	1.861438	4.891324	3.862382
O	1.934696	4.541909	5.770716
O	0.674137	2.752373	8.042600
Ti	1.574198	4.507871	7.574235
O	3.154640	5.816078	7.977195
Ti	4.505748	-0.927816	13.317981
O	4.743299	-2.463163	12.154171
Ti	4.645028	-1.572721	10.522407
O	4.902657	0.175118	11.709903
O	2.856815	-1.206360	10.206590
O	2.831901	-1.082067	14.021762
O	2.087825	1.623984	14.367549
Ti	1.025074	-0.304566	14.229718
O	1.129732	-0.052556	12.275183
O	2.167557	1.701388	9.985066
Ti	1.286207	-0.089057	10.487784
O	-0.295638	-1.338031	10.109250
O	-0.591820	1.303354	9.991962
O	-0.607309	1.218543	13.685220

O	-0.619389	-1.367530	14.490947
O	-2.212720	-0.855462	12.084615
Ti	-1.928318	-0.198078	13.871053
O	-3.859862	0.387543	13.825979
Ti	-1.977340	-0.131927	10.389545
O	-3.797823	0.046529	9.519744
Ti	-4.420827	1.863570	10.015643
Ti	-4.084399	1.858184	12.810821
O	-4.249266	3.757993	9.627252
Ti	-2.883395	5.117489	10.141200
O	-3.467497	5.406138	11.873635
O	-3.754139	3.400638	13.823319
Ti	-2.517349	5.195197	13.534818
O	-2.844932	1.774475	11.272363
O	-1.819297	6.930567	9.534214
O	-1.269887	4.206662	10.057439
Ti	0.354489	3.148493	10.223125
O	-5.522703	1.828117	11.529135
O	0.579630	3.279700	12.041444
O	-1.291594	3.845209	14.283028
Ti	0.382743	2.918873	13.879140
O	-2.397651	7.099765	14.266495
O	6.463226	-0.878253	9.939560
Ti	8.041708	4.491828	14.468155
Ti	8.026038	4.324207	11.551654
O	8.177603	2.482804	14.638360
Ti	6.957077	1.061843	14.048576
O	7.549242	0.816755	12.313903
O	7.778652	2.826134	10.413488
Ti	6.567407	1.018210	10.671279
O	6.616681	4.380759	12.933845
O	5.929215	-0.805647	14.602067
O	5.220682	1.792329	14.094252
Ti	3.636542	2.913769	13.939864
O	9.256645	4.541621	13.012859
O	3.353351	2.826219	12.114528
O	5.336996	2.354082	9.891681
Ti	3.617203	3.185140	10.300524
Ti	5.776649	6.273649	13.475974
O	7.334273	6.387518	14.681251
O	4.602598	4.906574	10.482397
O	4.575899	7.449872	9.548396
O	6.163605	7.114608	11.896942
Ti	5.914769	6.313337	10.146197
O	7.847069	5.731172	10.445221
O	4.452976	4.808709	14.104734
Ti	-0.477210	7.180643	10.875969
O	-0.710554	8.715431	12.030496
Ti	-0.616982	7.821472	13.674470
O	-0.885774	6.068706	12.442172
O	1.151553	7.372286	13.952912
O	1.181169	7.236568	10.126622

O	1.876822	4.471875	9.794639
Ti	2.946749	6.384993	9.938815
O	2.893304	6.192843	11.893865
O	1.766369	4.418381	14.195287
Ti	2.653181	6.181312	13.696263
O	4.274987	7.445581	14.091173
Ti	5.568908	0.483996	19.406887
O	5.802620	-1.051544	18.253609
Ti	5.706210	-0.160322	16.608500
O	5.973891	1.594318	17.837936
O	3.936020	0.283721	16.329803
O	3.910680	0.427237	20.156286
O	3.214206	3.188055	20.487917
Ti	2.142941	1.275568	20.342950
O	2.195769	1.465413	18.387907
O	3.322725	3.239699	16.087218
Ti	2.435889	1.476401	16.585580
O	0.813028	0.213572	16.190669
O	0.635857	2.849923	16.177309
O	0.487567	2.753937	19.799408
O	0.513750	0.210810	20.733340
O	-1.075078	0.545011	18.385272
Ti	-0.824958	1.347604	20.135797
O	-2.757363	1.929928	19.836066
Ti	-0.688259	1.385458	16.806316
O	-2.245747	1.272855	15.600867
Ti	-2.952955	3.168686	15.814033
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O	-3.087654	5.177526	15.644352
Ti	-1.866207	6.598237	16.234700
O	-2.458828	6.844164	17.968730
O	-2.688260	4.834156	19.868801
Ti	-1.476711	6.642198	19.611016
O	-1.527189	3.279338	17.347864
O	-0.839100	8.466126	15.680526
O	-0.130506	5.866208	16.190133
Ti	1.453301	4.744182	16.342618
O	-4.167431	3.119625	17.269844
O	1.740347	4.831188	18.167414
O	-0.245987	5.306241	20.388687
Ti	1.473776	4.474822	19.981387
O	-1.371700	8.538620	20.342682
O	7.487746	0.560719	16.016934
Ti	9.512026	5.798293	20.268186
Ti	9.173431	5.802354	17.472881
O	9.344671	3.903900	20.657240
Ti	7.977426	2.545955	20.142722
O	8.557122	2.255798	18.409334
O	8.842524	4.259722	16.460443
Ti	7.606396	2.465627	16.747826
O	7.935545	5.885419	19.012756
O	6.911559	0.733775	20.750996

O	6.363144	3.455820	20.226978
Ti	4.736837	4.511168	20.059924
O	10.612750	5.833538	18.753610
O	4.513041	4.378551	18.241657
O	6.380854	3.815577	15.997655
Ti	4.705758	4.739754	16.403674
Ti	7.068182	7.792526	19.893936
O	8.888960	7.614679	20.764114
O	5.695590	6.440516	16.597444
O	5.708284	9.026840	15.791802
O	7.302419	8.514153	18.198025
Ti	7.017021	7.856779	16.411370
O	8.948736	7.271195	16.458922
O	5.682052	6.357137	20.290464
Ti	0.585084	8.588249	16.964314
O	0.348526	10.123419	18.128224
Ti	0.446545	9.232329	19.759807
O	0.188151	7.485054	18.571982
O	2.234640	8.866863	20.076350
O	2.258021	8.742736	16.258459
O	3.001315	6.034617	15.914499
Ti	4.063944	7.963407	16.052268
O	3.958798	7.711084	18.006900
O	2.923337	5.958408	20.297420
Ti	3.804622	7.748828	19.794441
O	5.385859	8.998385	20.172848
Ti	6.616298	1.697136	25.608733
O	6.774325	0.297679	24.307455
Ti	6.803548	1.401420	22.774553
O	7.292239	2.933455	24.262828
O	5.096584	2.055916	22.554639
O	4.899230	1.785024	26.234918
O	4.280180	4.758105	26.439355
Ti	3.228345	2.768743	26.419510
O	3.153772	3.117083	24.511389
O	4.416323	4.907436	22.240062
Ti	3.516008	3.151775	22.707832
O	1.935628	1.843984	22.304656
O	1.683135	4.452220	22.240122
O	1.556807	4.322187	26.328453
O	1.569755	1.717612	26.824463
O	0.057921	2.157862	24.520159
Ti	0.196011	2.853291	26.317524
O	-1.713699	3.421821	25.898447
Ti	0.405844	2.979077	22.920799
O	-1.196919	2.757052	21.756615
Ti	-1.958845	4.650508	21.897720
Ti	-1.917076	4.860448	24.834834
O	-2.089283	6.640265	21.722332
Ti	-0.876428	8.066278	22.318998
O	-1.473125	8.284840	24.061306
O	-1.706363	6.325323	26.036610

Ti	-0.503400	8.138699	25.722182
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O	0.122553	9.955720	21.735143
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Ti	2.522472	6.355403	22.403398
O	-3.149943	4.615352	23.373339
O	2.684468	6.231480	24.254453
O	0.743557	6.815347	26.447178
Ti	2.524349	6.103487	26.093206
O	-0.351434	10.064910	26.408255
O	8.535814	2.099153	22.103735
Ti	10.246242	7.486430	25.651413
Ti	9.422821	7.746408	22.867559
O	9.822227	5.669507	26.062539
Ti	8.752780	3.906918	25.886794
O	9.806483	3.673121	24.344597
O	9.767586	5.827534	22.330772
Ti	8.807908	4.025710	22.782931
O	8.495233	7.946948	24.665702
O	7.978454	2.098579	26.871555
O	7.166819	4.931734	25.989186
Ti	5.741133	6.151670	26.087828
O	11.046407	7.644447	24.011079
O	5.457259	6.732362	24.324538
O	7.252392	5.114062	22.597888
Ti	5.844587	6.383755	22.536153
Ti	7.969281	9.558864	26.064001
O	9.825031	9.215733	26.631518
O	6.900919	8.148440	22.186953
O	6.360168	10.981879	21.923494
O	8.113034	10.803850	24.670503
Ti	7.573412	10.076328	23.012964
O	9.285571	9.579077	22.381308
O	6.680493	8.015705	26.440713
Ti	1.498096	10.113165	23.038763
O	1.257440	11.665063	24.165566
Ti	1.451860	10.768304	25.787115
O	1.126682	8.997077	24.610296
O	3.255401	10.302761	25.908285
O	3.229567	10.240269	22.437149
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Ti	5.008321	9.588750	22.062480
O	5.608518	9.436385	24.023174
O	3.864243	7.626241	26.365292
Ti	4.899416	9.314782	25.798849
O	6.223928	10.669215	26.492373
Ti	7.814150	3.237992	31.638177
O	7.931528	1.897376	30.303896
Ti	7.906813	3.061823	28.786152
O	8.054749	4.555229	30.217200
O	6.140795	3.476987	28.415535
O	6.210507	3.487285	32.555489

O	5.129068	6.345912	33.005193
Ti	4.634170	4.561870	32.379485
O	4.536150	4.687522	30.531213
O	5.447848	6.469636	28.209293
Ti	4.672747	4.652556	28.646281
O	3.154831	3.308364	28.400480
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O	3.097252	3.572227	32.980606
O	1.417275	3.599179	30.415842
Ti	1.659600	4.426654	32.072451
O	-0.135607	5.105311	32.220521
Ti	1.533879	4.471861	28.745514
O	-0.305639	4.235825	27.907907
Ti	-0.942598	6.165435	28.060833
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O	-1.030476	8.161804	27.859819
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O	-0.353139	8.102593	31.677867
Ti	0.869654	9.638541	31.738797
O	0.664572	6.257819	29.433621
O	1.281675	11.548737	27.705207
O	1.946746	8.899766	28.203370
Ti	3.599880	7.929882	28.546944
O	-1.948561	6.130141	29.672964
O	3.637855	7.860078	30.425937
O	2.099065	8.717071	32.848139
Ti	3.591052	7.743560	32.272034
O	1.007846	11.354171	32.665043
O	9.501634	3.822532	27.839862
Ti	10.736378	8.614325	31.398319
Ti	10.743096	9.049056	28.596434
O	10.742918	6.936024	32.126053
Ti	9.605161	5.463061	31.564589
O	10.607077	5.412762	29.911562
O	11.123359	7.332136	27.616221
Ti	9.937943	5.783594	28.222971
O	9.387486	8.689767	29.974774
O	9.420678	3.732015	32.440846
O	8.054106	6.268094	32.410309
Ti	6.654190	7.457125	32.228370
O	12.007730	8.965840	30.015181
O	6.334753	7.559799	30.426586
O	8.324730	6.695924	28.325358
Ti	6.894647	7.927783	28.660675
Ti	8.666082	10.712858	32.444472
O	10.406032	9.965899	32.667534
O	7.788395	9.747811	28.370396
O	7.424770	12.429514	28.500109
O	8.997095	11.723478	30.913580
Ti	8.807674	11.343327	29.097477

O	10.479870	10.976049	28.396960
O	7.691431	9.117292	32.397648
Ti	2.589258	11.792404	29.042952
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Ti	2.557638	11.985946	31.873660
O	2.540879	10.477307	30.546276
O	4.180731	11.840208	32.681882
O	4.238938	12.115708	28.362960
O	5.066242	9.224425	28.254988
Ti	5.926578	11.183772	28.437386
O	5.885487	10.790861	30.412806
O	5.087177	8.955587	32.846219
Ti	5.698326	10.701614	32.235424
O	7.152015	11.594904	33.136076

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Ti	-1.516643	4.850339	1.732664
O	-1.867114	5.153141	-0.081815
O	-3.359572	4.612954	-2.412950
Ti	-1.534279	4.743502	-1.877129
O	-0.094073	5.937278	-2.263599
O	-0.037993	6.175625	2.058020
O	-0.837674	3.133148	1.857046
Ti	0.312733	1.611850	1.671157
O	0.264480	1.450436	-0.217004
O	-0.686311	3.151294	-2.386782
Ti	0.284574	1.559081	-2.063581
O	1.166293	-0.369979	-2.652249
O	1.145651	-0.513833	2.109581
Ti	1.794604	5.903182	1.388492
O	2.096744	6.974228	-0.137279
Ti	1.523416	5.624437	-1.377359
O	1.204317	4.507503	0.118742
O	2.885919	4.836500	-2.373766
O	3.395438	5.001542	1.961452
O	2.236221	2.174132	2.015510
Ti	3.923254	3.217399	1.690777
O	4.060659	3.055374	-0.199692
O	2.204995	2.011760	-2.504686
Ti	3.699097	3.159197	-2.044176
O	5.449403	3.196186	-2.874225
O	4.644158	0.785012	-2.135823
O	4.788577	1.016386	1.995801
O	5.989993	3.251545	2.119966
O	7.000603	2.229611	-0.446349
Ti	6.582924	1.539723	1.261316
O	7.971448	0.549848	2.059149
Ti	6.288284	1.709715	-2.092323
O	7.411401	0.199552	-2.476633
Ti	7.096186	-1.223743	-1.307903
Ti	7.700541	-1.300554	1.506501
O	6.213698	-2.639238	-2.079442

Ti	4.466301	-3.423347	-1.737081
O	4.921097	-4.136147	-0.076897
O	6.620215	-2.850418	1.965678
Ti	4.703700	-3.471454	1.661479
O	6.242052	-0.460068	0.285678
O	3.198770	-4.661064	-2.412745
O	3.527447	-1.848396	-1.927551
Ti	2.907773	-0.047954	-1.829872
O	8.528850	-1.746456	-0.111932
O	2.699293	0.286491	-0.046164
O	3.802682	-1.854484	1.574213
Ti	3.092182	-0.105171	1.766688
Ti	-7.365887	1.168665	1.265565
Ti	-7.121656	1.402268	-1.521135
O	-6.703867	2.493213	2.481386
Ti	-4.778917	3.218615	1.904328
O	-4.920140	3.626175	0.081148
O	-6.368833	2.896622	-2.310911
Ti	-4.572297	3.329146	-1.764354
O	-5.999340	0.832372	-0.038168
O	-3.450030	4.606751	2.265307
O	-3.953637	1.601097	2.148670
Ti	-3.307243	-0.164001	1.727080
O	-8.428405	1.798393	-0.169526
O	-2.672211	0.074133	-0.038138
O	-3.696815	1.776301	-2.249101
Ti	-2.945917	0.079152	-1.848211
Ti	-6.780279	-1.857231	1.241864
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O	-4.663781	-0.878195	-2.000800
O	-5.576482	-3.211461	-2.725961
O	-7.261057	-2.178391	-0.538557
Ti	-6.383764	-1.656988	-2.097366
O	-7.390104	-0.095356	-2.602143
O	-5.010893	-1.104917	1.497291
Ti	-1.622858	-5.484704	-1.310809
O	-2.124503	-6.736030	0.037616
Ti	-1.891670	-5.509855	1.466037
O	-1.269743	-4.243319	0.144395
O	-3.580109	-5.032686	2.107279
O	-2.981632	-4.753469	-2.307824
O	-2.283178	-1.970831	-2.351116
Ti	-3.834234	-3.094951	-1.830923
O	-4.103687	-3.126397	-0.016967
O	-2.461983	-2.165197	2.101967
Ti	-4.353710	-3.316038	1.963118
O	-6.312129	-3.449586	2.035130
O	-1.299070	0.334766	2.151496
O	-1.190278	0.348740	-2.688259
Ti	1.402532	-4.745372	-1.823872
O	1.560763	-5.114633	0.020516
O	3.268727	-4.722501	2.183120

Ti	1.325215	-4.895094	1.873626
O	-0.346686	-5.934728	2.517819
O	-0.037782	-5.928227	-2.202837
O	0.586516	-3.164197	-2.430125
Ti	-0.342435	-1.567979	-2.039942
O	-0.283329	-1.501391	-0.183969
O	0.571792	-3.227253	2.134490
Ti	-0.507769	-1.703333	1.678789
Ti	0.231094	5.474324	7.841009
O	0.071678	5.846797	5.996120
O	-1.635769	5.451580	3.833547
Ti	0.308015	5.624456	4.142585
O	1.979944	6.663986	3.498947
O	1.669666	6.657881	8.220638
O	1.044864	3.893116	8.445844
Ti	1.974058	2.298041	8.056696
O	1.912102	2.230323	6.200248
O	1.060645	3.956674	3.882031
Ti	2.138827	2.430764	4.336813
O	2.930144	0.392942	3.864495
O	2.820841	0.379111	8.703968
Ti	3.255150	6.214803	7.328604
O	3.757179	7.466490	5.980210
Ti	3.524063	6.240293	4.552056
O	2.901303	4.974295	5.873310
O	5.211084	5.761848	3.909218
O	4.613609	5.482485	8.325432
O	3.913056	2.698856	8.367237
Ti	5.464274	3.823181	7.847012
O	5.734040	3.855578	6.033076
O	4.092642	2.893407	3.914024
Ti	5.984158	4.044444	4.052910
O	7.942637	4.178550	3.980901
O	6.641623	1.833698	4.519744
O	6.294785	1.607380	8.015753
O	7.207711	3.940583	8.742128
O	8.892388	2.907440	6.554737
Ti	8.014587	2.385984	8.113278
O	9.020731	0.824413	8.618393
Ti	8.410910	2.586268	4.774434
O	9.608518	1.227683	4.188593
Ti	8.997720	-0.439966	4.751124
Ti	8.753480	-0.673204	7.537802
O	8.336455	-1.763968	3.535495
Ti	6.411507	-2.488928	4.112031
O	6.551813	-2.896535	5.934755
O	8.000784	-2.168099	8.327467
Ti	6.204475	-2.600069	7.780916
O	7.630802	-0.104261	6.054540
O	5.082798	-3.877443	3.751102
O	5.586110	-0.872349	3.866995
Ti	4.938039	0.892783	4.288909

O	10.060434	-1.069093	6.186327
O	4.302985	0.652892	6.054077
O	5.329046	-1.047082	8.266189
Ti	4.576698	0.650271	7.863894
Ti	-5.464177	1.953218	7.324173
Ti	-6.068113	2.030227	4.509810
O	-4.581204	3.368372	8.095858
Ti	-2.833817	4.153215	7.752936
O	-3.288429	4.864418	6.093146
O	-4.987729	3.579557	4.050444
Ti	-3.071025	4.200841	4.354679
O	-4.610643	1.188885	5.730541
O	-1.567752	5.390590	8.429462
O	-1.895412	2.577572	7.943611
Ti	-1.276810	0.774316	7.846542
O	-6.896821	2.476633	6.128106
O	-1.069746	0.442230	6.062560
O	-2.171170	2.582924	4.441678
Ti	-1.461225	0.833559	4.249469
Ti	-4.657209	-0.980396	8.108832
O	-5.780510	0.529702	8.493177
O	-3.157837	-0.288100	4.020521
O	-4.359061	-2.523268	3.896380
O	-5.369424	-1.500132	6.462131
Ti	-4.952195	-0.810991	4.754350
O	-6.339948	0.179372	3.957065
O	-3.013378	-0.055265	8.153427
Ti	-0.162081	-5.174050	4.627786
O	-0.463928	-6.245002	6.153320
Ti	0.108607	-4.895444	7.393418
O	0.426992	-3.777735	5.897844
O	-1.254846	-4.107802	8.389542
O	-1.764599	-4.272233	4.053390
O	-0.605893	-1.446489	4.000402
Ti	-2.292401	-2.489666	4.325418
O	-2.429416	-2.328036	6.215665
O	-0.575169	-1.283781	8.520958
Ti	-2.066871	-2.430383	8.060464
O	-3.818340	-2.467781	8.889416
O	0.464722	1.098794	8.668385
O	0.484674	1.241922	3.906798
Ti	3.149732	-4.121002	4.283677
O	3.499893	-4.424190	6.099326
O	4.990233	-3.883793	8.429236
Ti	3.166802	-4.014301	7.893160
O	1.726442	-5.207982	8.279457
O	1.670848	-5.445704	3.958935
O	2.471094	-2.405267	4.159920
Ti	1.318287	-0.884194	4.344736
O	1.365459	-0.719609	6.233342
O	2.318494	-2.422706	8.402410
Ti	1.347508	-0.827616	8.078626

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Ti	-1.566881	4.730463	1.780980
O	-1.863893	5.005828	-0.064786
O	-3.337765	4.725290	-2.501231
Ti	-1.535610	4.792657	-1.888722
O	-0.187190	6.099509	-2.240010
O	-0.132078	6.104970	2.116213
O	-0.841548	3.041748	1.915359
Ti	0.262206	1.503773	1.602146
O	0.251470	1.477494	-0.294403
O	-0.641197	3.252651	-2.472328
Ti	0.336308	1.662834	-2.132009
O	1.267361	-0.254131	-2.702984
O	1.136782	-0.558333	1.910976
Ti	1.716723	5.972261	1.418575
O	1.966650	7.123501	-0.062073
Ti	1.431457	5.810005	-1.352009
O	1.143218	4.614468	0.073716
O	2.833922	5.111245	-2.370138
O	3.308905	5.024918	1.885556
O	2.178034	2.133636	1.967558
Ti	3.811502	3.240895	1.615048
O	3.979799	3.135631	-0.290873
O	2.216791	2.162911	-2.545559
Ti	3.558192	3.387683	-2.091721
O	5.190968	3.031413	-3.025894
O	4.675212	0.348385	-2.491589
O	4.797397	1.027174	1.979424
O	5.908394	3.345002	1.936353
O	6.750178	2.193546	-0.645557
Ti	6.503437	1.621350	1.137302
O	7.982123	0.738395	1.897600
Ti	6.102310	1.564922	-2.284772
O	7.430295	0.167597	-2.488073
Ti	7.084876	-1.209117	-1.284571
Ti	7.740112	-1.143877	1.531598
O	6.149582	-2.631692	-2.029432
Ti	4.501544	-3.460920	-1.519627
O	5.062165	-4.180701	0.096676
O	6.712287	-2.736270	2.053770
Ti	4.810099	-3.434241	1.804963
O	6.206439	-0.452505	0.290643
O	3.330019	-4.699376	-2.345708
O	3.302054	-2.034533	-1.483875
Ti	2.980827	-0.162637	-1.824266
O	8.533182	-1.665276	-0.092530
O	2.927878	0.486671	-0.114290
O	3.862728	-1.842550	1.666678
Ti	3.099011	-0.089823	1.689802
Ti	-7.355614	1.059990	1.343487
Ti	-7.089766	1.375832	-1.469502

O	-6.776615	2.714051	2.255033
Ti	-4.843279	3.270780	1.785587
O	-4.872308	3.721886	-0.033772
O	-6.327996	2.867016	-2.262994
Ti	-4.530196	3.416030	-1.860560
O	-6.027054	0.603498	-0.008631
O	-3.483208	4.608238	2.274365
O	-4.021631	1.635512	1.951343
Ti	-3.371676	-0.168411	1.624813
O	-8.365066	1.774723	-0.119373
O	-2.774175	0.108376	-0.145663
O	-3.630330	1.882836	-2.381109
Ti	-2.915081	0.178818	-1.971557
Ti	-6.881617	-1.861897	1.039771
O	-8.159847	-0.656484	1.659159
O	-4.651875	-0.746120	-2.176988
O	-5.465576	-3.122382	-2.850359
O	-7.256516	-2.158275	-0.777526
Ti	-6.361201	-1.569661	-2.290198
O	-7.396086	-0.012685	-2.696767
O	-5.211572	-1.049784	1.891379
Ti	-1.438023	-5.069441	-0.920280
O	-1.974614	-6.290476	0.381249
Ti	-1.897107	-5.107048	1.882229
O	-1.166173	-3.732012	0.578127
O	-3.773040	-4.993583	2.131237
O	-2.801585	-4.525203	-2.018346
O	-2.238281	-1.855948	-2.384249
Ti	-3.825937	-2.918305	-1.816489
O	-4.246315	-2.859101	-0.022121
O	-2.609425	-2.174295	1.984491
Ti	-4.534419	-3.310376	1.931217
O	-6.473813	-3.487080	1.807198
O	-1.366258	0.232033	2.013216
O	-1.129895	0.441816	-2.766432
Ti	1.559205	-4.373495	-1.741421
O	1.664075	-4.416556	0.158475
O	3.399716	-4.722677	2.327256
Ti	1.452270	-4.604904	2.024810
O	-0.151085	-5.717122	2.543394
O	0.110790	-5.597545	-1.815300
O	0.656192	-2.988764	-2.646381
Ti	-0.284979	-1.442212	-2.116366
O	-0.202212	-1.494628	-0.280159
O	0.815489	-2.914615	2.609324
Ti	-0.609953	-1.822453	1.583450
Ti	-0.081402	5.670904	7.570461
O	-0.120766	6.366847	5.823667
O	-1.670838	5.200646	3.962532
Ti	0.264040	5.619779	4.155665
O	1.973171	6.652066	3.492111
O	1.528038	6.814515	7.946434

O	0.542922	3.948023	7.602807
Ti	1.940803	2.610414	7.972604
O	2.119233	2.204874	6.114559
O	1.101014	3.976899	4.048762
Ti	2.090299	2.306644	4.285842
O	2.946444	0.246069	3.780317
O	2.812724	0.293988	8.239045
Ti	3.367254	6.523389	7.357309
O	3.798165	7.666521	5.925185
Ti	3.514083	6.310183	4.581293
O	3.021422	5.162621	6.034421
O	5.145846	5.784250	3.866714
O	5.038581	5.733022	8.149327
O	4.028978	2.927043	8.179949
Ti	5.731685	3.907627	7.674730
O	5.870695	3.869273	5.859590
O	4.057792	2.900173	3.771260
Ti	5.943986	4.056139	3.877905
O	7.908596	4.190164	3.708064
O	6.724940	1.788204	4.330677
O	6.560929	1.739559	8.121390
O	7.702258	4.080549	8.188481
O	9.099996	2.940532	6.245478
Ti	8.487506	2.172790	7.845222
O	9.910584	0.968123	8.578191
Ti	8.442818	2.625636	4.514171
O	9.706157	1.198277	4.099476
Ti	9.158955	-0.341585	4.912910
Ti	9.571750	-0.781264	7.718597
O	8.381650	-1.477807	3.587147
Ti	6.570028	-2.453425	4.170976
O	7.044988	-2.982328	5.878887
O	8.414427	-2.244731	8.101815
Ti	6.451274	-2.594037	7.657372
O	8.271492	0.280059	6.569954
O	5.244512	-3.873795	3.879444
O	5.700742	-0.851536	4.127996
Ti	4.915730	0.923175	4.239929
O	10.437153	-1.164050	6.090724
O	4.479322	1.099682	6.031274
O	5.624939	-0.953179	7.688513
Ti	4.734498	0.749447	7.845623
Ti	-5.895483	1.799922	7.119446
Ti	-6.308066	2.240283	4.313606
O	-5.117164	2.935755	8.445509
Ti	-3.305036	3.910353	7.861164
O	-3.780046	4.438618	6.153093
O	-5.150228	3.703154	3.930291
Ti	-3.186527	4.050964	4.374266
O	-5.008802	1.177495	5.462060
O	-1.978231	5.329877	8.152508
O	-2.437421	2.307494	7.905226

Ti	-1.652987	0.532464	7.792360
O	-7.173098	2.623367	5.941569
O	-1.217697	0.357053	6.000959
O	-2.361418	2.409757	4.342750
Ti	-1.472083	0.706279	4.186279
Ti	-5.181043	-1.167676	7.518759
O	-6.443948	0.260437	7.932894
O	-3.298959	-0.282391	3.912079
O	-4.441397	-2.622948	3.844256
O	-5.838298	-1.482261	5.787443
Ti	-5.225994	-0.714971	4.187590
O	-6.649147	0.490561	3.454845
O	-3.462893	-0.330929	7.702410
Ti	-0.103222	-5.062701	4.677322
O	-0.533232	-6.206285	6.109368
Ti	-0.250653	-4.849933	7.453845
O	0.239815	-3.701154	6.000866
O	-1.884292	-4.327462	8.168135
O	-1.776432	-4.274865	3.885659
O	-0.766757	-1.470763	3.851392
Ti	-2.470852	-2.449207	4.358692
O	-2.609888	-2.411583	6.174111
O	-0.795608	-1.444616	8.260870
Ti	-2.682957	-2.599874	8.155804
O	-4.647362	-2.732325	8.325563
O	0.316596	1.209123	8.251508
O	0.450160	1.160601	3.791698
Ti	3.347637	-4.212462	4.463538
O	3.387211	-4.910490	6.209884
O	4.935918	-3.743714	8.070468
Ti	3.001137	-4.162793	7.877473
O	1.291965	-5.193858	8.540739
O	1.735709	-5.353380	4.088989
O	2.721613	-2.490388	4.432384
Ti	1.322272	-1.154852	4.058693
O	1.141579	-0.748178	5.916623
O	2.163519	-2.519760	7.983191
Ti	1.171833	-0.851490	7.745070
Ti	1.707057	5.836110	13.776129
O	1.601318	5.874357	11.875673
O	-0.135351	6.180607	9.707002
Ti	1.811806	6.062913	10.008437
O	3.414663	7.176509	9.491256
O	3.154745	7.058745	13.850998
O	2.608726	4.449490	14.677483
Ti	3.547561	2.901457	14.148671
O	3.458862	2.953705	12.311848
O	2.446608	4.372613	9.423265
Ti	3.871957	3.280683	10.448306
O	4.628176	1.225883	10.018041
O	4.392288	1.016182	14.798538
Ti	4.702722	6.529238	12.955150

O	5.239695	7.750106	11.654122
Ti	5.160097	6.566896	10.153218
O	4.427943	5.192366	11.456697
O	7.035215	6.451620	9.901265
O	6.066829	5.984143	14.052794
O	5.500743	3.314400	14.416116
Ti	7.088424	4.376269	13.849203
O	7.507112	4.317375	12.054607
O	5.870076	3.632532	10.048928
Ti	7.795946	4.768151	10.101312
O	9.735324	4.945483	10.225205
O	8.473059	2.507983	10.142162
O	7.914051	2.204878	14.207931
O	8.728434	4.580589	14.883306
O	10.518739	3.616926	12.809955
Ti	9.623570	3.028174	14.322507
O	10.657806	1.471517	14.729485
Ti	10.143835	3.319956	10.991764
O	11.421658	2.114839	10.374236
Ti	10.618132	0.398286	10.689236
Ti	10.352911	0.082897	13.502358
O	10.040458	-1.254440	9.778944
Ti	8.106940	-1.812449	10.246850
O	8.136687	-2.263201	12.066586
O	9.592072	-1.409322	14.295955
Ti	7.794052	-1.956970	13.893035
O	9.289552	0.854086	12.041384
O	6.748405	-3.150745	9.757858
O	7.284100	-0.177667	10.081114
Ti	6.633252	1.625809	10.407496
O	11.628226	-0.315343	12.152148
O	6.035291	1.349537	12.177870
O	6.893857	-0.423824	14.413882
Ti	6.177527	1.279197	14.003429
Ti	-3.821266	2.668265	13.317022
Ti	-4.476043	2.602733	10.500719
O	-2.886653	4.091060	14.062322
Ti	-1.237804	4.919198	13.553292
O	-1.797505	5.638948	11.935982
O	-3.448133	4.195311	9.978101
Ti	-1.545764	4.892421	10.227627
O	-2.942856	1.910830	11.742132
O	-0.065134	6.157866	14.379069
O	-0.041410	3.491191	13.517158
Ti	0.281796	1.620675	13.856551
O	-5.269019	3.124589	12.124541
O	0.335569	0.971612	12.146038
O	-0.598927	3.300041	10.365360
Ti	0.163713	1.547306	10.341407
Ti	-2.839906	-0.106425	14.317479
O	-4.167494	1.291112	14.520403
O	-1.534354	0.429422	10.053253

O	-2.645858	-1.887535	10.096910
O	-3.487498	-0.734772	12.678227
Ti	-3.240432	-0.163387	10.895532
O	-4.718482	0.720430	10.135078
O	-1.412441	1.109346	14.525285
Ti	1.548042	-4.513101	10.614290
O	1.297801	-5.664671	12.094816
Ti	1.832789	-4.349797	13.385148
O	2.120295	-3.155098	11.958715
O	0.429937	-3.652327	14.402243
O	-0.045378	-3.567662	10.145427
O	1.084625	-0.677282	10.064545
Ti	-0.548828	-1.784403	10.417077
O	-0.716691	-1.678657	12.322821
O	1.047527	-0.702382	14.577253
Ti	-0.295742	-1.932646	14.124012
O	-1.929346	-1.573326	15.057823
O	1.995488	1.712520	14.734609
O	2.126512	2.014105	10.120170
Ti	4.831734	-3.271902	10.251585
O	5.127929	-3.546000	12.097948
O	6.600490	-3.266137	14.534408
Ti	4.800048	-3.334312	13.920629
O	3.452034	-4.640040	14.272242
O	3.396951	-4.646205	9.917609
O	4.106489	-1.583143	10.117056
Ti	3.000036	-0.047024	10.429457
O	3.010549	-0.019046	12.326178
O	3.904121	-1.793209	14.504870
Ti	2.925889	-0.204335	14.163473

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Ti	-1.525968	4.748807	1.776553
O	-1.855712	5.039680	-0.059461
O	-3.367190	4.725511	-2.444619
Ti	-1.549578	4.794063	-1.885002
O	-0.198846	6.087736	-2.273159
O	-0.085974	6.121472	2.105755
O	-0.832062	3.037087	1.877159
Ti	0.222782	1.473458	1.525548
O	0.212306	1.464102	-0.367819
O	-0.672142	3.248353	-2.499139
Ti	0.306557	1.650188	-2.203968
O	1.246380	-0.274267	-2.765114
O	1.117198	-0.573321	1.865370
Ti	1.739074	5.986754	1.384579
O	1.974660	7.123605	-0.113835
Ti	1.422152	5.799744	-1.385743
O	1.126030	4.621987	0.042092
O	2.814841	5.081617	-2.414986
O	3.316832	5.003048	1.794433
O	2.147984	2.115816	1.876894

Ti	3.811359	3.221227	1.533687
O	3.955335	3.079569	-0.367092
O	2.184468	2.144891	-2.628111
Ti	3.534863	3.357486	-2.163532
O	5.196935	3.006703	-3.056351
O	4.665988	0.331873	-2.514585
O	4.761742	1.008056	1.911770
O	5.883564	3.338636	1.886645
O	6.746683	2.166123	-0.634468
Ti	6.507813	1.603334	1.153337
O	7.993088	0.726632	1.931878
Ti	6.086999	1.546111	-2.275010
O	7.428379	0.150419	-2.450511
Ti	7.106053	-1.225004	-1.239946
Ti	7.742772	-1.163534	1.583414
O	6.178552	-2.644875	-1.994166
Ti	4.515292	-3.475554	-1.526551
O	5.071901	-4.202249	0.090571
O	6.714393	-2.764975	2.081764
Ti	4.819887	-3.456555	1.800634
O	6.218859	-0.474925	0.331188
O	3.343282	-4.719163	-2.348760
O	3.309703	-2.050740	-1.534038
Ti	2.956793	-0.189060	-1.882204
O	8.551277	-1.678437	-0.038219
O	2.876442	0.458706	-0.174660
O	3.859893	-1.874537	1.618243
Ti	3.080311	-0.131182	1.620450
Ti	-7.305522	1.036172	1.472983
Ti	-7.079494	1.383420	-1.343264
O	-6.685621	2.648618	2.419016
Ti	-4.802311	3.211355	1.888585
O	-4.853993	3.699398	0.064464
O	-6.340915	2.872248	-2.166512
Ti	-4.543962	3.414920	-1.765200
O	-5.981188	0.624200	0.080992
O	-3.449090	4.590046	2.311535
O	-3.934347	1.597580	1.985846
Ti	-3.418304	-0.230705	1.565548
O	-8.334762	1.772185	0.027279
O	-2.776390	0.047966	-0.189094
O	-3.638674	1.890424	-2.332512
Ti	-2.926054	0.173441	-2.009547
Ti	-6.939336	-1.924327	1.074117
O	-8.156211	-0.685878	1.723594
O	-4.662334	-0.752289	-2.200762
O	-5.498459	-3.119962	-2.853389
O	-7.277468	-2.169599	-0.750198
Ti	-6.374568	-1.565129	-2.258396
O	-7.407600	0.010506	-2.587805
O	-5.255168	-1.105228	1.862060
Ti	-1.432061	-5.093737	-0.967378

O	-1.947708	-6.323229	0.332193
Ti	-1.888201	-5.132927	1.833215
O	-1.163981	-3.757058	0.525346
O	-3.766124	-5.058072	2.058383
O	-2.798061	-4.547573	-2.068249
O	-2.248510	-1.876374	-2.433465
Ti	-3.829254	-2.943939	-1.863343
O	-4.236216	-2.897874	-0.066746
O	-2.619852	-2.215698	1.927553
Ti	-4.539048	-3.379426	1.867626
O	-6.480886	-3.565904	1.776146
O	-1.393982	0.207310	1.954756
O	-1.152490	0.414548	-2.835357
Ti	1.563217	-4.393050	-1.767793
O	1.665857	-4.440339	0.131367
O	3.403392	-4.740893	2.324005
Ti	1.463885	-4.619704	1.998789
O	-0.141981	-5.729789	2.510101
O	0.119968	-5.622391	-1.860108
O	0.658873	-3.011602	-2.672392
Ti	-0.297698	-1.464001	-2.160167
O	-0.195846	-1.507259	-0.325603
O	0.814449	-2.931165	2.565348
Ti	-0.625370	-1.845711	1.536875
Ti	0.137757	5.638436	7.689450
O	0.024723	6.279651	5.910213
O	-1.587939	5.286731	3.926615
Ti	0.340558	5.660263	4.175146
O	2.014226	6.702784	3.454451
O	1.633794	6.932848	8.106181
O	0.869645	3.935158	7.783200
Ti	1.923956	2.335409	7.758426
O	2.027236	2.004869	5.930254
O	1.148177	3.994233	3.985323
Ti	2.055885	2.298724	4.103718
O	2.933063	0.200875	3.707221
O	2.794920	0.170314	8.147294
Ti	3.478275	6.656322	7.409758
O	3.882878	7.760843	5.921733
Ti	3.512051	6.395290	4.619678
O	2.907628	5.321749	6.050975
O	5.098525	5.758504	3.885048
O	4.994814	5.662637	7.967295
O	3.910097	2.841882	8.085974
Ti	5.606968	3.893688	7.612876
O	5.796272	3.733057	5.781135
O	4.031050	2.863834	3.701543
Ti	5.900433	4.033488	3.853777
O	7.868618	4.134630	3.633383
O	6.714753	1.694911	4.211000
O	6.543188	1.672715	8.092545
O	7.607781	4.063055	8.077401

O	9.044226	2.904510	6.128366
Ti	8.430233	2.203618	7.757167
O	9.848100	1.025579	8.527180
Ti	8.420225	2.551960	4.389505
O	9.729127	1.117005	4.092943
Ti	9.161446	-0.391485	4.945042
Ti	9.518345	-0.772990	7.765390
O	8.374911	-1.543004	3.636480
Ti	6.554491	-2.490855	4.216255
O	6.977383	-2.999852	5.953878
O	8.368867	-2.258306	8.186038
Ti	6.408420	-2.680959	7.760844
O	8.224994	0.233301	6.562842
O	5.239730	-3.907967	3.881399
O	5.676279	-0.898302	4.100930
Ti	4.887842	0.877546	4.178538
O	10.408385	-1.207208	6.163374
O	4.494226	1.029822	5.986070
O	5.567688	-1.049370	7.784811
Ti	4.747559	0.681558	7.796641
Ti	-5.648186	1.521950	7.380554
Ti	-6.167497	2.096346	4.539383
O	-5.073627	3.245887	8.214283
Ti	-3.232819	4.040278	7.747040
O	-3.601915	4.746835	6.079785
O	-5.009715	3.535127	4.072065
Ti	-3.087738	4.111974	4.376159
O	-4.903677	0.901995	5.584557
O	-1.761863	5.298048	8.155071
O	-2.438333	2.367720	7.714386
Ti	-1.746064	0.544521	7.695718
O	-6.940755	2.419587	6.187616
O	-1.571484	0.172480	5.911206
O	-2.226059	2.473129	4.402356
Ti	-1.527480	0.710212	4.098658
Ti	-5.257842	-1.425700	7.388784
O	-6.495507	-0.090908	7.919116
O	-3.333160	-0.326596	3.825309
O	-4.413697	-2.707104	3.773000
O	-5.889537	-1.739395	5.661663
Ti	-5.236998	-0.821801	4.161680
O	-6.650170	0.430860	3.545793
O	-3.634491	-0.322723	7.971319
Ti	-0.118036	-5.071787	4.643083
O	-0.531998	-6.245718	6.051298
Ti	-0.277781	-4.909207	7.423392
O	0.177209	-3.716478	5.987683
O	-1.922427	-4.439903	8.133755
O	-1.785704	-4.290928	3.840295
O	-0.775770	-1.495534	3.789812
Ti	-2.466039	-2.460797	4.326194
O	-2.723933	-2.403836	6.149047

O	-0.884368	-1.473094	8.168171
Ti	-2.683055	-2.704441	8.107966
O	-4.644736	-2.928507	8.232887
O	0.223661	1.110751	8.096814
O	0.401543	1.130842	3.733087
Ti	3.335309	-4.215078	4.465572
O	3.385455	-4.905717	6.218453
O	4.935808	-3.887140	8.185512
Ti	2.980411	-4.228524	7.913964
O	1.235094	-5.222847	8.526868
O	1.726441	-5.348645	4.082067
O	2.710907	-2.495351	4.412733
Ti	1.303467	-1.166269	4.015605
O	1.034087	-0.794123	5.865699
O	2.174500	-2.567018	7.972342
Ti	1.071782	-0.978741	7.696505
Ti	1.561687	6.402946	13.584648
O	1.512118	7.092499	11.831503
O	-0.039794	6.074672	9.864094
Ti	1.915369	6.416484	10.135551
O	3.661146	7.410679	9.522683
O	3.169084	7.538304	13.968818
O	2.185382	4.682517	13.637913
Ti	3.590987	3.352046	14.032802
O	3.858462	2.980599	12.182352
O	2.721061	4.754091	10.076050
Ti	3.821130	3.164508	10.351403
O	4.669876	1.075049	9.951528
O	4.492582	1.054483	14.314898
Ti	5.013401	7.261663	13.407375
O	5.428477	8.434733	11.998807
Ti	5.172785	7.098060	10.627391
O	4.717116	5.906186	12.063333
O	6.816007	6.625908	9.915818
O	6.680320	6.478044	14.210013
O	5.669606	3.681566	14.258767
Ti	7.359178	4.648009	13.723096
O	7.616618	4.590569	11.900301
O	5.777565	3.658989	9.880633
Ti	7.576345	4.890206	9.941320
O	9.537947	5.115780	9.816750
O	8.527423	2.510520	10.077876
O	8.226788	2.512638	14.223277
O	9.307221	4.893439	14.275991
O	10.782768	3.925973	12.387329
Ti	10.130208	3.008328	13.887259
O	11.544055	1.756360	14.503401
Ti	10.151369	3.612540	10.660078
O	11.388908	2.278080	10.130015
Ti	10.543342	0.664743	10.668686
Ti	11.062852	0.090640	13.509702
O	9.969922	-1.059025	9.834549

Ti	8.129072	-1.853105	10.301984
O	8.498418	-2.560658	11.968935
O	9.905862	-1.348643	13.976949
Ti	7.984114	-1.925840	13.672480
O	9.797845	1.283855	12.464610
O	6.657993	-3.110472	9.893918
O	7.334333	-0.180563	10.335109
Ti	6.639201	1.641576	10.353144
O	11.836350	-0.232058	11.861766
O	6.463406	2.013150	12.137827
O	7.121444	-0.287554	13.645917
Ti	6.421747	1.475127	13.950131
Ti	-4.266094	2.578796	13.104119
Ti	-4.622669	2.960524	10.283691
O	-3.479050	3.730162	14.412723
Ti	-1.658488	4.677747	13.832353
O	-2.081442	5.186563	12.094946
O	-3.473120	4.445651	9.862770
Ti	-1.512571	4.868274	10.287857
O	-3.330101	1.953359	11.486005
O	-0.342825	6.094127	14.167089
O	-0.781304	3.084228	13.947873
Ti	0.006238	1.308216	13.870006
O	-5.512671	3.395171	11.885612
O	0.397948	1.155622	12.062235
O	-0.672245	3.236256	10.263393
Ti	0.145598	1.504449	10.251544
Ti	-3.526733	-0.364854	13.659168
O	-4.835020	1.070406	13.956265
O	-1.649754	0.513472	9.956255
O	-2.714196	-1.876432	9.971550
O	-4.150671	-0.717532	11.921238
Ti	-3.536863	-0.017013	10.292118
O	-4.954513	1.161162	9.522528
O	-1.821043	0.491470	13.838544
Ti	1.416552	-4.467784	10.639636
O	1.013244	-5.572544	12.127745
Ti	1.383069	-4.206471	13.429740
O	1.985511	-3.132430	11.997833
O	-0.204305	-3.571926	14.165259
O	-0.100985	-3.476812	10.080343
O	0.983310	-0.656179	9.962228
Ti	-0.713440	-1.707808	10.435896
O	-0.903230	-1.547566	12.267764
O	0.862810	-0.678135	14.346902
Ti	-1.007069	-1.847371	14.195170
O	-2.975328	-1.948273	14.415896
O	1.961248	1.984681	14.341173
O	2.098644	2.015270	9.900925
Ti	4.758471	-3.450771	10.359707
O	4.871237	-4.092994	12.138838
O	6.484716	-3.100848	14.122738

Ti	4.556125	-3.473112	13.874089
O	2.881751	-4.514624	14.594626
O	3.261532	-4.744130	9.943818
O	4.026587	-1.748030	10.266400
Ti	2.969170	-0.149660	10.289847
O	2.864835	0.181193	12.118090
O	3.748026	-1.807347	14.063486
Ti	2.837978	-0.113054	13.944642
Ti	3.333588	6.583476	19.817402
O	3.230595	6.629609	17.919014
O	1.492387	6.928562	15.726086
Ti	3.431588	6.807512	16.051055
O	5.037787	7.918025	15.541032
O	4.777051	7.811320	19.911734
O	4.236556	5.200558	20.720404
Ti	5.193481	3.651415	20.208642
O	5.089367	3.692881	18.374231
O	4.079716	5.118050	15.485067
Ti	5.518963	4.032617	16.512143
O	6.287535	1.979361	16.093557
O	6.046614	1.772318	20.883678
Ti	6.328191	7.280929	19.017704
O	6.844327	8.510506	17.718488
Ti	6.783226	7.320523	16.217594
O	6.058338	5.945197	17.524928
O	8.661220	7.244892	15.990406
O	7.694841	6.734537	20.118171
O	7.144092	4.063708	20.481949
Ti	8.721977	5.130116	19.912372
O	9.129931	5.084413	18.115414
O	7.513149	4.402501	16.121816
Ti	9.432671	5.565640	16.181109
O	11.374413	5.752638	16.272166
O	10.148666	3.291910	16.187333
O	9.556555	2.939689	20.248150
O	10.394473	5.307073	20.902685
O	12.172068	4.356771	18.798850
Ti	11.269018	3.752160	20.306953
O	12.301705	2.176813	20.637131
Ti	11.833359	4.111409	16.974487
O	13.050469	2.873103	16.324998
Ti	12.200293	1.150871	16.576142
Ti	11.974495	0.803762	19.392390
O	11.580968	-0.461455	15.630922
Ti	9.697839	-1.024113	16.160693
O	9.749846	-1.512173	17.984524
O	11.236914	-0.685532	20.215464
Ti	9.439571	-1.226672	19.814796
O	10.875624	1.562339	17.967980
O	8.345166	-2.403196	15.737581
O	8.829127	0.589164	16.062728
Ti	8.311649	2.417128	16.483604

O	13.229862	0.415579	18.021747
O	7.669642	2.137438	18.237360
O	8.534798	0.296954	20.381998
Ti	7.819832	2.012337	20.058395
Ti	-2.211080	3.412859	19.288899
Ti	-2.847220	3.351284	16.465625
O	-1.283581	4.832944	20.043529
Ti	0.380056	5.664034	19.575966
O	-0.175637	6.389325	17.958865
O	-1.818440	4.952810	15.966680
Ti	0.075942	5.644027	16.248508
O	-1.323713	2.662098	17.717901
O	1.552614	6.906652	20.398423
O	1.584011	4.237191	19.583532
Ti	1.937604	2.375887	19.931147
O	-3.655528	3.866601	18.086876
O	2.018042	1.728960	18.223235
O	1.035403	4.061542	16.430381
Ti	1.813792	2.317790	16.427869
Ti	-1.192594	0.641373	20.324360
O	-2.533913	2.037353	20.498901
O	0.132657	1.178214	16.136966
O	-0.989668	-1.151861	16.162254
O	-1.852015	0.021527	18.683521
Ti	-1.613545	0.583622	16.895724
O	-3.098255	1.460972	16.117417
O	0.228730	1.855109	20.564371
Ti	3.156632	-3.797553	16.664341
O	2.921065	-4.935653	18.162531
Ti	3.473749	-3.611375	19.434525
O	3.769450	-2.433848	18.006826
O	2.080449	-2.894369	20.464040
O	1.578406	-2.816334	16.254247
O	2.746200	0.070229	16.171630
Ti	1.082460	-1.034972	16.514981
O	0.939246	-0.892999	18.415880
O	2.709877	0.042151	20.676956
Ti	1.357452	-1.170410	20.212203
O	-0.300717	-0.819735	21.104846
O	3.647877	2.461200	20.813967
O	3.777351	2.759156	16.182934
Ti	6.422002	-2.561512	16.272561
O	6.751746	-2.852268	18.108357
O	8.263908	-2.537676	20.493898
Ti	6.445457	-2.606033	19.934298
O	5.094288	-3.900025	20.322074
O	4.981827	-3.933996	15.943671
O	5.727795	-0.849846	16.171632
Ti	4.671110	0.712767	16.522811
O	4.678154	0.723030	18.416284
O	5.567099	-1.060457	20.547501
Ti	4.589113	0.537361	20.252457

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Ti	-1.528849	4.751574	1.773467
O	-1.861651	5.049949	-0.061433
O	-3.387663	4.733758	-2.435374
Ti	-1.566557	4.799879	-1.890183
O	-0.219940	6.093518	-2.302960
O	-0.088063	6.126981	2.084049
O	-0.845878	3.033154	1.860538
Ti	0.193563	1.467845	1.485230
O	0.206379	1.467424	-0.407799
O	-0.697555	3.255118	-2.518205
Ti	0.292309	1.659971	-2.245484
O	1.237169	-0.267864	-2.806578
O	1.106532	-0.580758	1.800466
Ti	1.729630	6.001516	1.342304
O	1.958502	7.134877	-0.163170
Ti	1.407996	5.804221	-1.427422
O	1.113269	4.630361	0.001533
O	2.795109	5.093222	-2.470821
O	3.303869	5.013953	1.739594
O	2.117941	2.113412	1.823684
Ti	3.772313	3.224496	1.464091
O	3.916342	3.076568	-0.437392
O	2.151898	2.167436	-2.707706
Ti	3.510752	3.363402	-2.233232
O	5.178157	2.999537	-3.114877
O	4.645070	0.318296	-2.586797
O	4.738531	1.002015	1.849820
O	5.836420	3.352430	1.788776
O	6.726792	2.155576	-0.691326
Ti	6.481660	1.608695	1.100236
O	7.981561	0.761113	1.912526
Ti	6.062133	1.537039	-2.331691
O	7.409859	0.141313	-2.490020
Ti	7.112357	-1.222986	-1.264060
Ti	7.754943	-1.141564	1.563270
O	6.178262	-2.643667	-2.012430
Ti	4.519070	-3.480236	-1.546351
O	5.079797	-4.207719	0.067428
O	6.717346	-2.742683	2.047929
Ti	4.834312	-3.445977	1.774521
O	6.224649	-0.466268	0.302034
O	3.350030	-4.715779	-2.381736
O	3.296788	-2.064070	-1.557792
Ti	2.949481	-0.206669	-1.937476
O	8.562902	-1.654667	-0.061190
O	2.885174	0.470512	-0.241769
O	3.856655	-1.876240	1.569051
Ti	3.059724	-0.136980	1.549330
Ti	-7.284303	1.009380	1.503813
Ti	-7.078345	1.387069	-1.309229

O	-6.661328	2.627040	2.444713
Ti	-4.786359	3.195610	1.911826
O	-4.835509	3.690169	0.087538
O	-6.352966	2.882840	-2.133619
Ti	-4.550642	3.416326	-1.747778
O	-5.958541	0.628934	0.096834
O	-3.444533	4.590801	2.329377
O	-3.915557	1.582154	1.998322
Ti	-3.443140	-0.249874	1.540664
O	-8.327791	1.753252	0.069151
O	-2.784906	0.041663	-0.209823
O	-3.651816	1.897995	-2.344071
Ti	-2.936892	0.182501	-2.027777
Ti	-6.958601	-1.964067	1.081616
O	-8.156450	-0.713136	1.732189
O	-4.674483	-0.744883	-2.202000
O	-5.511090	-3.109828	-2.858718
O	-7.290845	-2.181840	-0.744839
Ti	-6.385081	-1.557216	-2.246539
O	-7.419271	0.019478	-2.556743
O	-5.274460	-1.129455	1.850938
Ti	-1.426887	-5.087257	-0.993671
O	-1.924585	-6.321944	0.309828
Ti	-1.870280	-5.131396	1.813157
O	-1.164049	-3.750539	0.496901
O	-3.750578	-5.078111	2.035244
O	-2.800369	-4.543556	-2.086361
O	-2.265643	-1.871416	-2.462140
Ti	-3.836120	-2.940297	-1.878059
O	-4.246779	-2.904181	-0.080453
O	-2.627255	-2.231568	1.899094
Ti	-4.537888	-3.403021	1.852716
O	-6.480735	-3.604978	1.769983
O	-1.410255	0.196631	1.919209
O	-1.167202	0.419952	-2.867018
Ti	1.574097	-4.361975	-1.797173
O	1.687039	-4.420293	0.105128
O	3.427771	-4.739561	2.307247
Ti	1.493620	-4.608213	1.971166
O	-0.113265	-5.715890	2.481695
O	0.131718	-5.595980	-1.881641
O	0.658029	-2.997984	-2.718738
Ti	-0.313291	-1.458457	-2.199935
O	-0.204798	-1.509419	-0.368094
O	0.826325	-2.926175	2.531203
Ti	-0.634005	-1.848588	1.498681
Ti	0.186900	5.683149	7.669608
O	0.046781	6.312936	5.889762
O	-1.559010	5.278851	3.921582
Ti	0.367157	5.679351	4.155698
O	2.017850	6.739152	3.402417
O	1.655551	6.994686	8.118475

O	0.890629	3.962273	7.764957
Ti	1.867328	2.320454	7.696609
O	1.936275	1.994080	5.870998
O	1.168828	4.010010	3.940165
Ti	2.038587	2.297962	4.046494
O	2.915476	0.191748	3.639170
O	2.754171	0.173171	8.103330
Ti	3.477217	6.710290	7.383086
O	3.894984	7.801761	5.883758
Ti	3.505112	6.437112	4.586819
O	2.847114	5.392287	6.011247
O	5.073957	5.763776	3.848128
O	4.962456	5.657928	7.884422
O	3.863677	2.841206	7.990272
Ti	5.587160	3.899866	7.523795
O	5.750122	3.725856	5.692061
O	4.005378	2.858740	3.631792
Ti	5.866709	4.032637	3.767726
O	7.825217	4.115349	3.469095
O	6.671298	1.693925	4.102316
O	6.471649	1.708137	7.974086
O	7.580063	4.099184	7.983592
O	8.952580	2.953705	5.931683
Ti	8.357542	2.241779	7.561834
O	9.828886	1.175387	8.239676
Ti	8.398679	2.520245	4.191965
O	9.723770	1.086473	4.007772
Ti	9.158747	-0.397145	4.911699
Ti	9.527284	-0.634370	7.744655
O	8.396258	-1.566246	3.593274
Ti	6.578238	-2.484137	4.199377
O	7.008398	-2.982540	5.944554
O	8.411248	-2.166840	8.225291
Ti	6.473744	-2.636616	7.756958
O	8.134892	0.198048	6.455449
O	5.267917	-3.902526	3.857689
O	5.681664	-0.900469	4.064381
Ti	4.860739	0.861619	4.108838
O	10.419970	-1.137497	6.151166
O	4.401900	0.999186	5.902975
O	5.562687	-1.040789	7.748781
Ti	4.703378	0.668275	7.708412
Ti	-5.573356	1.437921	7.414312
Ti	-6.132855	2.064099	4.564953
O	-4.989334	3.199379	8.203822
Ti	-3.178271	4.043827	7.739404
O	-3.566699	4.770333	6.081418
O	-4.968596	3.499768	4.097750
Ti	-3.056369	4.107112	4.390962
O	-4.884522	0.815397	5.560533
O	-1.716961	5.329127	8.144185
O	-2.344960	2.397842	7.655117

Ti	-1.790967	0.531440	7.627930
O	-6.861704	2.384257	6.220086
O	-1.619683	0.088463	5.859771
O	-2.191590	2.464831	4.413710
Ti	-1.538004	0.696857	4.063564
Ti	-5.282450	-1.449442	7.348801
O	-6.533711	-0.143258	7.894369
O	-3.334997	-0.359689	3.790084
O	-4.404599	-2.732993	3.755146
O	-5.908773	-1.812903	5.631529
Ti	-5.243700	-0.852637	4.157126
O	-6.658511	0.404851	3.558239
O	-3.744703	-0.171829	7.881619
Ti	-0.087577	-5.066700	4.615067
O	-0.468942	-6.259221	6.020791
Ti	-0.228754	-4.930075	7.397754
O	0.182700	-3.713501	5.972101
O	-1.889491	-4.516293	8.118804
O	-1.764055	-4.300812	3.816747
O	-0.772996	-1.510303	3.742541
Ti	-2.457104	-2.468872	4.300328
O	-2.715088	-2.453278	6.134148
O	-0.921045	-1.487592	8.121840
Ti	-2.640208	-2.784284	8.068367
O	-4.609323	-2.904181	8.221860
O	0.182370	1.096987	8.048393
O	0.391435	1.107814	3.687527
Ti	3.364457	-4.200293	4.450965
O	3.431876	-4.865457	6.212998
O	4.990885	-3.845587	8.196562
Ti	3.038733	-4.181074	7.910833
O	1.286066	-5.192196	8.504962
O	1.756594	-5.335177	4.064432
O	2.726155	-2.488008	4.381197
Ti	1.304684	-1.173306	3.966745
O	1.016847	-0.819183	5.821235
O	2.197777	-2.537229	7.956668
Ti	1.036696	-0.991433	7.652021
Ti	1.719213	6.336072	13.698925
O	1.615252	7.001664	11.923730
O	0.013751	6.143192	9.845023
Ti	1.960692	6.458813	10.165297
O	3.690135	7.444294	9.505821
O	3.240761	7.595629	14.118860
O	2.457552	4.639101	13.785469
Ti	3.573998	3.069946	13.818289
O	3.818822	2.786555	11.996350
O	2.724808	4.767708	10.028982
Ti	3.792349	3.173299	10.175434
O	4.640931	1.046651	9.857741
O	4.480496	0.905672	14.208443
Ti	5.104943	7.333040	13.455887

O	5.497834	8.472532	11.998243
Ti	5.173687	7.121252	10.662285
O	4.592829	6.002873	12.076233
O	6.795855	6.566997	9.938433
O	6.637352	6.360025	14.019507
O	5.566937	3.576253	14.154211
Ti	7.263094	4.598028	13.643204
O	7.568805	4.476784	11.816197
O	5.743461	3.652749	9.797277
Ti	7.593475	4.846185	9.892471
O	9.581688	4.957134	9.725837
O	8.453600	2.449852	9.943778
O	8.228027	2.404107	14.201809
O	9.261240	4.787274	14.183756
O	10.690873	3.694993	12.211558
Ti	10.098066	2.953485	13.826954
O	11.547989	1.767808	14.502100
Ti	10.130352	3.369277	10.454983
O	11.407548	1.916462	10.191780
Ti	10.791716	0.369195	10.971328
Ti	11.121160	-0.032369	13.783124
O	10.027562	-0.974233	9.846214
Ti	8.142556	-1.817949	10.325212
O	8.528482	-2.436158	12.037222
O	9.929459	-1.484843	14.204560
Ti	7.981577	-2.003250	13.810523
O	9.846369	1.002519	12.586709
O	6.721056	-3.113261	9.906199
O	7.317663	-0.179593	10.270804
Ti	6.597350	1.629487	10.249054
O	12.026660	-0.464813	12.198710
O	6.463034	1.921407	12.069754
O	7.126711	-0.367335	13.788215
Ti	6.424197	1.406258	13.873931
Ti	-4.265139	2.547345	13.093926
Ti	-4.594179	2.949124	10.282008
O	-3.499900	3.890419	14.219329
Ti	-1.614765	4.734134	13.740070
O	-2.000759	5.351671	12.028005
O	-3.402075	4.401004	9.860662
Ti	-1.453977	4.919127	10.254499
O	-3.320164	1.913143	11.478297
O	-0.193118	6.029481	14.159276
O	-0.790577	3.095375	13.794567
Ti	-0.072358	1.285589	13.815846
O	-5.499786	3.382009	11.866430
O	0.061569	0.993799	11.995007
O	-0.600104	3.282411	10.276382
Ti	0.101127	1.508580	10.190989
Ti	-3.605692	-0.452786	13.610403
O	-4.882320	1.000435	13.873354
O	-1.702569	0.511094	9.863437

O	-2.736093	-1.871641	9.881754
O	-4.166123	-0.778808	11.853892
Ti	-3.572808	-0.037533	10.238355
O	-5.022801	1.147544	9.563335
O	-1.928682	0.466013	14.121296
Ti	1.422018	-4.415894	10.610019
O	1.029757	-5.555248	12.067832
Ti	1.352962	-4.203645	13.403842
O	1.932218	-3.084739	11.989305
O	-0.270439	-3.651354	14.126575
O	-0.111769	-3.445118	10.044468
O	0.958348	-0.661421	9.910480
Ti	-0.737861	-1.683306	10.421803
O	-1.043469	-1.561709	12.248843
O	0.781442	-0.737710	14.267763
Ti	-1.068764	-1.931046	14.172483
O	-3.056946	-2.041187	14.339319
O	1.884240	1.868260	14.206944
O	2.044936	2.009053	9.856422
Ti	4.808784	-3.419563	10.366811
O	4.912557	-4.085002	12.141736
O	6.513917	-3.227439	14.220457
Ti	4.566971	-3.542123	13.900332
O	2.837248	-4.526750	14.558778
O	3.286299	-4.678010	9.947423
O	4.069856	-1.722752	10.280488
Ti	2.951348	-0.155128	10.246416
O	2.705324	0.128668	12.068234
O	3.802189	-1.851364	14.035939
Ti	2.732693	-0.258394	13.889133
Ti	3.163828	7.117371	19.615704
O	3.097591	7.781686	17.853109
O	1.536669	6.762162	15.869556
Ti	3.488858	7.097363	16.155137
O	5.241704	8.109228	15.560680
O	4.770472	8.253720	20.003095
O	3.801096	5.404878	19.685492
Ti	5.221658	4.088759	20.098606
O	5.507472	3.735377	18.243641
O	4.329661	5.453376	16.108246
Ti	5.488313	3.905881	16.412799
O	6.342940	1.817792	16.016614
O	6.134598	1.806488	20.376824
Ti	6.614593	7.985722	19.452210
O	6.996225	9.177871	18.046285
Ti	6.755200	7.848523	16.669843
O	6.343278	6.632649	18.095803
O	8.414274	7.432061	15.947925
O	8.290398	7.217697	20.250268
O	7.298863	4.425182	20.322545
Ti	8.982008	5.385752	19.765615
O	9.239585	5.369471	17.931738

O	7.446033	4.402549	15.943572
Ti	9.164722	5.699457	15.997539
O	11.133776	5.820830	15.843959
O	10.269743	3.088274	16.184492
O	9.860440	3.275309	20.275412
O	10.929489	5.648979	20.310444
O	12.433509	4.729446	18.433857
Ti	11.768721	3.768936	19.907961
O	13.183782	2.511887	20.507371
Ti	11.807551	4.366479	16.717091
O	13.058857	3.060467	16.170950
Ti	12.099092	1.479309	16.650956
Ti	12.659137	0.852775	19.500271
O	11.516902	-0.282857	15.860686
Ti	9.706024	-1.127872	16.325978
O	10.095104	-1.855272	17.983070
O	11.496098	-0.583465	19.967568
Ti	9.584511	-1.192041	19.673546
O	11.409873	2.100503	18.504989
O	8.244739	-2.412865	15.921066
O	8.872207	0.517722	16.410631
Ti	8.316231	2.383770	16.437388
O	13.388145	0.532964	17.844832
O	8.143302	2.826068	18.205628
O	8.718735	0.449720	19.650479
Ti	8.064088	2.217326	20.001694
Ti	-2.631661	3.313286	19.153564
Ti	-2.999948	3.550537	16.320490
O	-1.868856	4.481963	20.471580
Ti	-0.050410	5.399655	19.865674
O	-0.481016	5.898067	18.120627
O	-1.883782	5.082903	15.839919
Ti	0.053847	5.552779	16.308093
O	-1.608227	2.717360	17.609576
O	1.260480	6.817816	20.207505
O	0.844767	3.815134	20.000955
Ti	1.665678	2.052960	19.956215
O	-3.892539	4.053992	17.914080
O	2.122570	1.915172	18.161649
O	0.964103	3.956472	16.316107
Ti	1.821690	2.246494	16.356204
Ti	-1.873042	0.395418	19.873506
O	-3.197475	1.829494	20.057311
O	0.053574	1.206854	16.090741
O	-1.055093	-1.183634	16.081217
O	-2.427289	-0.038012	18.133571
Ti	-1.832319	0.673789	16.503242
O	-3.303108	1.740710	15.825704
O	-0.145533	1.221266	19.963393
Ti	3.049550	-3.793056	16.682443
O	2.633035	-4.884624	18.181673
Ti	3.022120	-3.519695	19.478719

O	3.677685	-2.473821	18.053434
O	1.452084	-2.848054	20.217053
O	1.562617	-2.742875	16.180091
O	2.661524	0.073335	16.074371
Ti	0.937946	-0.984953	16.541301
O	0.774389	-0.810966	18.373185
O	2.520531	0.056090	20.432957
Ti	0.658709	-1.117624	20.297475
O	-1.299774	-1.199990	20.596309
O	3.610988	2.722987	20.425593
O	3.771243	2.741158	15.961298
Ti	6.340968	-2.767123	16.395642
O	6.480484	-3.397129	18.175430
O	8.087700	-2.364381	20.143778
Ti	6.161418	-2.763602	19.909813
O	4.510140	-3.821957	20.662372
O	4.871371	-4.077603	15.947519
O	5.636891	-1.046563	16.300495
Ti	4.657810	0.594042	16.368257
O	4.587865	0.921039	18.193823
O	5.359369	-1.094386	20.124889
Ti	4.487536	0.616832	20.018322
Ti	4.954074	7.280779	25.864119
O	4.841574	7.337503	23.962106
O	3.099610	7.655770	21.759829
Ti	5.033530	7.524054	22.095839
O	6.640394	8.632396	21.585889
O	6.396481	8.513785	25.949987
O	5.869561	5.915139	26.784003
Ti	6.838242	4.375134	26.264986
O	6.730338	4.426077	24.433121
O	5.699082	5.841473	21.535415
Ti	7.159253	4.764190	22.567030
O	7.935782	2.719035	22.145643
O	7.692890	2.496265	26.932095
Ti	7.953993	8.003751	25.060976
O	8.452599	9.238284	23.757998
Ti	8.397018	8.048018	22.254929
O	7.689232	6.667665	23.570817
O	10.276976	7.994678	22.030785
O	9.328148	7.460139	26.153640
O	8.789752	4.787249	26.527500
Ti	10.363417	5.856177	25.943777
O	10.771410	5.820058	24.145804
O	9.151904	5.148183	22.167165
Ti	11.063140	6.318796	22.212812
O	13.005798	6.521460	22.295158
O	11.799618	4.045836	22.215359
O	11.199961	3.661320	26.266032
O	12.037065	6.025822	26.924437
O	13.816560	5.098239	24.810132
Ti	12.910834	4.473597	26.311620

O	13.944381	2.896785	26.622014
Ti	13.484275	4.880696	22.983633
O	14.682039	3.629576	22.333202
Ti	13.809983	1.907382	22.561731
Ti	13.604283	1.529452	25.374829
O	13.188079	0.289824	21.621471
Ti	11.313426	-0.278924	22.153271
O	11.362732	-0.773632	23.977750
O	12.879853	0.032998	26.199085
Ti	11.077643	-0.499965	25.813220
O	12.484050	2.286557	23.968574
O	9.972548	-1.674874	21.735524
O	10.441437	1.333944	22.066950
Ti	9.968546	3.165783	22.524614
O	14.853652	1.163793	23.996480
O	9.309418	2.873798	24.274439
O	10.178294	1.018475	26.409023
Ti	9.462471	2.733522	26.092639
Ti	-0.585293	4.139703	25.329185
Ti	-1.227391	4.058254	22.501997
O	0.348215	5.560516	26.077980
Ti	2.007682	6.397531	25.612348
O	1.447420	7.124219	23.998214
O	-0.190162	5.659335	22.016861
Ti	1.692896	6.362319	22.291006
O	0.302183	3.382463	23.763074
O	3.177621	7.632493	26.447431
O	3.227905	4.979814	25.623955
Ti	3.576619	3.122634	26.002509
O	-2.035669	4.571793	24.126352
O	3.641246	2.446340	24.306697
O	2.669967	4.792037	22.496291
Ti	3.466208	3.052578	22.515435
Ti	0.464274	1.379337	26.397046
O	-0.883437	2.775069	26.554926
O	1.787660	1.913119	22.215352
O	0.689424	-0.436979	22.276332
O	-0.200614	0.760893	24.756756
Ti	0.044311	1.307146	22.964691
O	-1.455214	2.155307	22.153292
O	1.881153	2.597500	26.652995
Ti	4.797827	-3.085253	22.722614
O	4.569393	-4.217996	24.227892
Ti	5.119351	-2.887574	25.492555
O	5.414117	-1.713395	24.063372
O	3.731555	-2.177349	26.535427
O	3.223045	-2.098375	22.325539
O	4.407977	0.801275	22.241264
Ti	2.753490	-0.309392	22.600904
O	2.609852	-0.160906	24.502349
O	4.374324	0.748027	26.772550
Ti	3.016659	-0.447834	26.298242

O	1.347279	-0.083654	27.179683
O	5.288549	3.184272	26.871634
O	5.419923	3.495160	22.264507
Ti	8.056870	-1.835166	22.291675
O	8.389098	-2.132955	24.126708
O	9.915177	-1.817336	26.501083
Ti	8.093787	-1.883348	25.955530
O	6.747798	-3.176658	26.367900
O	6.615982	-3.210552	21.981560
O	7.373839	-0.116911	22.204053
Ti	6.331907	1.447331	22.579660
O	6.323726	1.448529	24.472758
O	7.224768	-0.338631	26.583428
Ti	6.233332	1.255815	26.310523

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Ti	-1.574205	4.815697	1.869142
O	-1.944060	5.264162	0.077616
O	-3.472673	4.847261	-2.280307
Ti	-1.646743	4.936177	-1.740121
O	-0.300508	6.198297	-2.255412
O	-0.121249	6.195081	2.162557
O	-0.872001	3.095066	1.820348
Ti	0.122687	1.497344	1.489194
O	0.291883	1.481909	-0.389320
O	-0.854432	3.334436	-2.287666
Ti	0.266405	1.789540	-2.218081
O	1.298587	-0.118138	-2.767611
O	1.090385	-0.587576	1.760269
Ti	1.668320	6.081483	1.358388
O	1.880687	7.253599	-0.117372
Ti	1.348178	5.940566	-1.409773
O	1.050468	4.738962	-0.002173
O	2.782956	5.284673	-2.423126
O	3.232202	5.048950	1.715988
O	2.084371	2.089525	1.798548
Ti	3.688289	3.266797	1.415622
O	3.743650	3.087317	-0.490566
O	1.940729	2.503749	-2.880706
Ti	3.373625	3.490834	-2.270396
O	5.024972	2.948545	-3.126439
O	4.548036	0.177244	-2.688232
O	4.712245	0.969711	1.835392
O	5.734308	3.404522	1.668412
O	6.568039	2.094853	-0.697509
Ti	6.415821	1.644235	1.127082
O	8.043100	0.889187	1.996953
Ti	5.873645	1.487699	-2.341958
O	7.314296	0.139836	-2.420730
Ti	7.165609	-1.198095	-1.165419
Ti	7.829010	-1.067054	1.664570
O	6.211379	-2.630263	-1.888775

Ti	4.620081	-3.565430	-1.430001
O	5.182333	-4.245889	0.185170
O	6.761456	-2.669065	2.112311
Ti	4.877806	-3.398179	1.859921
O	6.294445	-0.444906	0.416244
O	3.493334	-4.745913	-2.355613
O	3.212793	-2.250266	-1.422064
Ti	2.947523	-0.401452	-1.904747
O	8.642823	-1.564594	0.036433
O	2.998314	0.458999	-0.300642
O	3.883049	-1.857818	1.582008
Ti	3.010585	-0.132426	1.506339
Ti	-7.220358	0.950829	1.603826
Ti	-7.029998	1.399551	-1.201059
O	-6.617420	2.564298	2.581896
Ti	-4.773042	3.183728	2.051505
O	-4.827045	3.705370	0.231314
O	-6.379735	2.944679	-1.996447
Ti	-4.577382	3.476676	-1.616295
O	-5.869170	0.657203	0.181344
O	-3.467821	4.609119	2.493729
O	-3.862981	1.589231	2.068734
Ti	-3.484691	-0.237423	1.528853
O	-8.281033	1.704706	0.183422
O	-2.766526	0.085885	-0.204798
O	-3.681056	1.973752	-2.274216
Ti	-2.918222	0.270922	-2.015916
Ti	-6.953272	-2.035267	1.071310
O	-8.122603	-0.777543	1.748163
O	-4.632327	-0.698616	-2.198958
O	-5.451764	-3.053921	-2.903609
O	-7.250920	-2.191775	-0.763965
Ti	-6.335144	-1.525647	-2.245420
O	-7.367736	0.060396	-2.485142
O	-5.288209	-1.173548	1.844024
Ti	-1.318126	-5.010925	-1.072226
O	-1.781969	-6.295996	0.201042
Ti	-1.785093	-5.148568	1.735622
O	-1.107072	-3.714136	0.461689
O	-3.663994	-5.104316	1.939721
O	-2.708934	-4.472200	-2.146996
O	-2.224114	-1.787464	-2.505689
Ti	-3.773481	-2.888296	-1.924206
O	-4.200517	-2.897997	-0.131507
O	-2.634019	-2.209701	1.852693
Ti	-4.483204	-3.436920	1.793116
O	-6.426802	-3.678960	1.711728
O	-1.434695	0.201939	1.926423
O	-1.147798	0.509444	-2.867341
Ti	1.733245	-4.171978	-1.789795
O	1.786355	-4.372694	0.118532
O	3.485753	-4.712743	2.353531

Ti	1.552792	-4.584315	1.969448
O	-0.042640	-5.722083	2.444207
O	0.270897	-5.394315	-1.950834
O	0.774910	-2.831686	-2.758137
Ti	-0.286132	-1.363186	-2.227139
O	-0.184779	-1.465294	-0.401725
O	0.840176	-2.918189	2.519284
Ti	-0.640471	-1.837633	1.470532
Ti	0.203093	5.672730	7.702834
O	0.068147	6.330897	5.931283
O	-1.514043	5.247949	4.019723
Ti	0.409413	5.709669	4.197683
O	2.032153	6.794521	3.403111
O	1.711043	6.999701	8.089344
O	0.913123	3.955210	7.778716
Ti	1.853588	2.288882	7.654680
O	1.861968	1.993525	5.825182
O	1.191898	4.034441	3.904391
Ti	2.004639	2.306972	4.003870
O	2.888007	0.168881	3.609262
O	2.746680	0.168989	8.051180
Ti	3.515861	6.718639	7.337391
O	3.954990	7.802672	5.835105
Ti	3.544241	6.446197	4.541009
O	2.854749	5.411257	5.951469
O	5.099836	5.719002	3.812961
O	4.995632	5.626378	7.787950
O	3.841925	2.836899	7.922568
Ti	5.571196	3.860114	7.468674
O	5.832527	3.675159	5.629165
O	3.975521	2.853962	3.578844
Ti	5.850112	3.970851	3.720836
O	7.810266	3.987115	3.217319
O	6.589587	1.655354	3.915867
O	6.462199	1.690923	7.885804
O	7.614168	4.032139	7.871547
O	8.928281	2.808764	5.577456
Ti	8.286353	2.276905	7.223763
O	9.729644	1.464051	8.312579
Ti	8.386181	2.344370	3.780293
O	9.837441	0.943326	3.961752
Ti	9.308186	-0.437333	4.983971
Ti	9.554943	-0.449279	7.869923
O	8.482715	-1.572119	3.657747
Ti	6.641595	-2.467423	4.259536
O	7.134682	-3.025797	5.967650
O	8.438287	-2.042739	8.208730
Ti	6.541049	-2.625267	7.747104
O	8.186322	0.218657	6.453375
O	5.295763	-3.853914	3.931589
O	5.734746	-0.889876	4.164882
Ti	4.788889	0.814715	4.078089

O	10.551073	-0.979157	6.351338
O	4.353200	1.063492	5.856911
O	5.556971	-1.069415	7.642552
Ti	4.703462	0.639720	7.641934
Ti	-5.593605	1.379857	7.641450
Ti	-6.068599	1.937494	4.714465
O	-4.894981	3.103613	8.401694
Ti	-3.161447	3.965673	7.869578
O	-3.544407	4.731782	6.207803
O	-4.880794	3.341380	4.260125
Ti	-3.005649	4.080627	4.530062
O	-4.954869	0.569853	5.713840
O	-1.692173	5.301470	8.226888
O	-2.214718	2.408626	7.650355
Ti	-1.823006	0.502771	7.619903
O	-6.773235	2.344491	6.357353
O	-1.762020	-0.006569	5.851157
O	-2.124610	2.438572	4.467794
Ti	-1.572228	0.652154	4.079763
Ti	-5.297367	-1.411834	7.264303
O	-6.590836	-0.235794	7.961698
O	-3.378621	-0.407645	3.783951
O	-4.384008	-2.815870	3.716667
O	-5.956527	-1.968462	5.599123
Ti	-5.265728	-0.973998	4.167388
O	-6.656261	0.328785	3.627141
O	-3.811026	-0.035257	7.933563
Ti	-0.062918	-5.052567	4.581537
O	-0.423710	-6.246649	5.996430
Ti	-0.174292	-4.919155	7.367178
O	0.202432	-3.694497	5.940361
O	-1.791896	-4.545404	8.173308
O	-1.722420	-4.311316	3.748259
O	-0.780575	-1.524839	3.714768
Ti	-2.456831	-2.501907	4.286174
O	-2.669623	-2.546976	6.110909
O	-0.919775	-1.494678	8.057674
Ti	-2.561426	-2.813862	8.074066
O	-4.528248	-2.806237	8.167114
O	0.158332	1.103377	8.034365
O	0.360505	1.099753	3.663099
Ti	3.375484	-4.168988	4.485893
O	3.440286	-4.859130	6.240002
O	5.046422	-3.830625	8.204645
Ti	3.095191	-4.138277	7.930422
O	1.278872	-5.089270	8.557607
O	1.790420	-5.316812	4.070584
O	2.730859	-2.463755	4.389451
Ti	1.277819	-1.172791	3.958088
O	0.988141	-0.792810	5.797806
O	2.246222	-2.508447	7.924978
Ti	1.007771	-1.011695	7.635330

Ti	1.876568	6.400504	13.644620
O	1.765547	7.087846	11.871430
O	0.117417	6.120454	9.844817
Ti	2.056416	6.489524	10.130522
O	3.820164	7.408456	9.445563
O	3.377314	7.654595	14.095023
O	2.557453	4.670670	13.726568
Ti	3.549981	3.029616	13.733405
O	3.784253	2.740912	11.916411
O	2.809449	4.786795	9.988229
Ti	3.790665	3.151806	10.105031
O	4.602500	1.015336	9.760953
O	4.435093	0.888374	14.208578
Ti	5.225330	7.334302	13.414997
O	5.660781	8.413281	11.921235
Ti	5.294634	7.037854	10.615952
O	4.671047	5.984396	12.070677
O	6.888998	6.409282	9.893648
O	6.741269	6.346740	14.011660
O	5.578198	3.526169	14.073553
Ti	7.275307	4.553177	13.580352
O	7.500820	4.420121	11.770896
O	5.762546	3.581537	9.700041
Ti	7.694202	4.671583	9.834741
O	9.669204	4.657522	9.548101
O	8.351010	2.361454	10.205962
O	8.199241	2.364847	14.190659
O	9.294143	4.687652	14.023946
O	10.656197	3.356441	11.990195
Ti	10.097947	2.824121	13.687885
O	11.545575	1.676677	14.472485
Ti	10.167329	2.995025	10.170361
O	11.558491	1.548967	10.186167
Ti	10.947101	0.128364	11.121171
Ti	11.145583	-0.177726	13.923146
O	10.088577	-1.020326	9.859487
Ti	8.165976	-1.833028	10.329361
O	8.525116	-2.404045	12.066963
O	9.916244	-1.603476	14.355005
Ti	7.982589	-2.049373	13.871451
O	9.881065	0.760878	12.636306
O	6.795794	-3.160209	9.883336
O	7.329025	-0.219426	10.164972
Ti	6.550548	1.574110	10.220163
O	12.118775	-0.699968	12.394580
O	6.207035	1.667006	12.046461
O	7.167025	-0.395324	13.889930
Ti	6.415929	1.355958	13.869363
Ti	-3.855461	2.109923	13.432643
Ti	-4.449564	2.789689	10.585230
O	-3.266222	3.953685	14.100234
Ti	-1.468792	4.790222	13.618086

O	-1.871843	5.578311	11.982128
O	-3.262917	4.216346	10.015186
Ti	-1.370631	4.909881	10.295229
O	-3.177313	1.545907	11.525614
O	-0.032403	6.092850	14.074553
O	-0.607450	3.144899	13.493347
Ti	-0.146012	1.261940	13.629851
O	-5.126557	3.138372	12.240768
O	-0.100125	0.545356	11.852102
O	-0.505438	3.253261	10.454379
Ti	0.091815	1.493012	10.144634
Ti	-3.499753	-0.801789	13.352578
O	-4.794298	0.541276	13.848859
O	-1.735264	0.472950	9.806390
O	-2.647159	-1.896012	9.856520
O	-4.317590	-1.140686	11.680825
Ti	-3.672913	-0.131512	10.244525
O	-5.161348	1.109564	9.758829
O	-2.083720	0.696032	13.960322
Ti	1.443057	-4.321127	10.632360
O	1.036033	-5.539925	12.031275
Ti	1.371410	-4.264492	13.423952
O	2.038434	-3.093127	12.121773
O	-0.291584	-3.731319	14.108680
O	0.002110	-3.166033	10.295696
O	0.982926	-0.656519	9.851384
Ti	-0.779483	-1.435079	10.618050
O	-1.492843	-1.481208	12.438820
O	0.698236	-0.755134	14.207234
Ti	-1.059990	-2.034424	14.298677
O	-3.023005	-2.122770	14.542864
O	1.823427	1.848318	14.053886
O	2.019508	2.004868	9.840460
Ti	4.873003	-3.411547	10.381513
O	4.963356	-4.059224	12.155770
O	6.481466	-3.235309	14.258519
Ti	4.529266	-3.531211	13.914173
O	2.836959	-4.583515	14.589280
O	3.312346	-4.615295	9.960368
O	4.144903	-1.711447	10.280336
Ti	2.960621	-0.191516	10.192782
O	2.633917	0.087052	12.012874
O	3.777173	-1.834804	14.066285
Ti	2.681937	-0.266564	13.838456
Ti	3.285775	7.057215	19.700306
O	3.195768	7.705304	17.925981
O	1.677715	6.880560	15.823525
Ti	3.630090	7.176909	16.167611
O	5.322321	8.229592	15.491943
O	4.846364	8.260940	20.121994
O	4.012559	5.357255	19.801259
Ti	5.195980	3.835676	19.888840

O	5.522949	3.558072	18.068610
O	4.381457	5.480441	16.014903
Ti	5.475223	3.911151	16.242948
O	6.333895	1.796377	16.027724
O	6.137141	1.639365	20.240933
Ti	6.715421	7.966608	19.449663
O	7.123134	9.185601	18.050736
Ti	6.787105	7.910776	16.657905
O	6.118991	6.739718	17.959357
O	8.449090	7.376421	15.971007
O	8.154989	6.810146	19.785644
O	7.173769	4.300752	20.230341
Ti	8.936011	5.078924	19.462875
O	9.649482	5.126061	17.642065
O	7.459142	4.399786	15.873786
Ti	9.217099	5.679049	15.782066
O	11.180060	5.767748	15.538377
O	10.240953	2.948568	16.122597
O	9.892046	3.171527	20.275539
O	10.803421	5.540376	20.224776
O	12.474268	4.785966	18.401073
Ti	11.829705	3.776392	19.837055
O	13.318120	2.535704	20.323563
Ti	11.656557	4.447169	16.728898
O	12.951398	3.104164	16.232918
Ti	12.012395	1.535894	16.649095
Ti	12.607539	0.855746	19.496649
O	11.424711	-0.308464	15.981732
Ti	9.627354	-1.144795	16.464028
O	10.030489	-1.933326	18.099929
O	11.421628	-0.571525	20.066804
Ti	9.529422	-1.264418	19.786596
O	11.334395	2.099109	18.556623
O	8.191191	-2.447438	16.007478
O	8.765239	0.500010	16.588573
Ti	8.303432	2.382973	16.451701
O	13.283886	0.507520	17.840985
O	8.256741	3.099707	18.229704
O	8.663265	0.391540	19.627083
Ti	8.064849	2.151405	19.937029
Ti	-2.787562	3.515478	18.961111
Ti	-2.987055	3.822703	16.159057
O	-1.929784	4.665083	20.221617
Ti	-0.007256	5.478701	19.752758
O	-0.366288	6.049284	18.014902
O	-1.757463	5.248250	15.727081
Ti	0.176344	5.694756	16.210398
O	-1.722949	2.882375	17.445051
O	1.363161	6.806223	20.198304
O	0.829239	3.864884	19.916670
Ti	1.605177	2.070133	19.861646
O	-3.959266	4.344709	17.688273

O	1.947767	1.976161	18.035093
O	0.991244	4.040433	16.191679
Ti	1.741243	2.288523	16.212286
Ti	-2.010898	0.647653	19.908499
O	-3.400493	2.094345	19.894905
O	-0.042120	1.279834	15.890526
O	-1.136172	-1.043271	16.057088
O	-2.499720	0.286146	18.088908
Ti	-1.940929	0.820392	16.391800
O	-3.389141	1.969050	15.609060
O	-0.195884	1.283793	19.875116
Ti	2.933487	-3.688415	16.666534
O	2.498531	-4.767514	18.160026
Ti	2.864022	-3.392074	19.465612
O	3.486140	-2.337689	18.010477
O	1.268339	-2.765253	20.187914
O	1.416687	-2.702235	16.068978
O	2.579082	0.118126	16.007889
Ti	0.882176	-0.908932	16.501253
O	0.656026	-0.776244	18.310723
O	2.393837	0.062577	20.381040
Ti	0.462549	-1.028082	20.246899
O	-1.512397	-1.013986	20.532085
O	3.553944	2.628938	20.320104
O	3.721805	2.756376	15.873498
Ti	6.282358	-2.754908	16.437473
O	6.393214	-3.442275	18.210539
O	8.041537	-2.475299	20.237176
Ti	6.102727	-2.843846	19.951284
O	4.338382	-3.762263	20.635653
O	4.781460	-4.008514	15.986961
O	5.600814	-1.025092	16.355752
Ti	4.607230	0.615082	16.348425
O	4.371842	0.904570	18.165096
O	5.348726	-1.141319	20.093068
Ti	4.365521	0.492553	19.976212
Ti	4.782710	7.814900	25.596722
O	4.718014	8.505644	23.842317
O	3.112242	7.476505	21.877481
Ti	5.063589	7.783402	22.151924
O	6.879756	8.734509	21.524547
O	6.368033	8.962215	26.012073
O	5.426512	6.109256	25.692829
Ti	6.879419	4.817811	26.123630
O	7.168504	4.437751	24.283891
O	5.911479	6.153626	22.157239
Ti	7.149049	4.655933	22.446262
O	7.998451	2.540907	22.047336
O	7.796728	2.544409	26.418297
Ti	8.221306	8.698297	25.501098
O	8.582810	9.892094	24.085856
Ti	8.332717	8.564723	22.715460

O	7.955435	7.340156	24.142071
O	9.949136	8.190509	21.907574
O	9.880625	7.956036	26.333557
O	8.937938	5.169360	26.366886
Ti	10.614064	6.146412	25.795254
O	10.826798	6.191935	23.970391
O	9.076578	5.139318	22.024234
Ti	10.717820	6.458496	22.007099
O	12.684995	6.452653	21.913064
O	11.967768	3.680987	22.148815
O	11.535310	4.052253	26.297041
O	12.541667	6.460126	26.364422
O	14.112421	5.612757	24.481797
Ti	13.422744	4.617775	25.913863
O	14.813810	3.315355	26.454561
Ti	13.453716	5.057894	22.816445
O	14.747052	3.881454	22.120117
Ti	13.750991	2.265539	22.441296
Ti	14.227750	1.707104	25.367535
O	13.053435	0.541675	21.680343
Ti	11.320174	-0.320756	22.212539
O	11.703661	-1.086551	23.874039
O	13.041125	0.302426	25.822254
Ti	11.165784	-0.435042	25.552259
O	13.111959	3.073011	24.368954
O	9.850610	-1.655716	21.855205
O	10.372772	1.236133	22.431464
Ti	9.979830	3.141625	22.461782
O	14.932213	1.300898	23.724265
O	9.917923	3.651064	24.230639
O	10.283604	1.206251	25.614032
Ti	9.729120	2.992358	26.001779
Ti	-1.149812	4.083412	25.098407
Ti	-1.396555	4.095780	22.212627
O	-0.323855	5.217911	26.424794
Ti	1.517245	6.113059	25.823277
O	1.025292	6.670806	24.114635
O	-0.279695	5.689317	21.873032
Ti	1.617926	6.271025	22.334673
O	-0.028182	3.427204	23.629189
O	2.862489	7.500391	26.151744
O	2.424293	4.535648	25.918316
Ti	3.368614	2.830159	26.003507
O	-2.392430	4.626253	23.731346
O	3.802014	2.581271	24.224414
O	2.600770	4.714550	22.438001
Ti	3.453110	3.004783	22.439069
Ti	-0.229060	1.301252	26.301323
O	-1.679743	2.702595	26.119898
O	1.694384	1.953706	22.194926
O	0.541934	-0.386457	22.209212
O	-0.770953	0.837154	24.504181

Ti	-0.130053	1.368878	22.857399
O	-1.572108	2.182463	21.769837
O	1.568083	1.989713	26.166910
Ti	4.641799	-3.071995	22.743900
O	4.204701	-4.156101	24.246731
Ti	4.614625	-2.798556	25.540075
O	5.301090	-1.762926	24.128388
O	3.058190	-2.073605	26.268030
O	3.160063	-1.982045	22.292661
O	4.314383	0.807442	22.158562
Ti	2.585098	-0.215692	22.612646
O	2.323914	-0.030365	24.452028
O	4.181897	0.790705	26.502523
Ti	2.307050	-0.326066	26.360535
O	0.346755	-0.341890	26.863925
O	5.269458	3.475786	26.472204
O	5.410054	3.475320	22.030319
Ti	7.955326	-2.027091	22.379160
O	8.090184	-2.684368	24.150911
O	9.674617	-1.603663	26.062600
Ti	7.751355	-2.063703	25.884846
O	6.127030	-3.146910	26.677916
O	6.447097	-3.353273	21.992823
O	7.245331	-0.309896	22.302823
Ti	6.302675	1.355597	22.426612
O	6.293188	1.651410	24.256305
O	6.967703	-0.388852	26.176671
Ti	6.152581	1.337543	26.077523
Ti	6.425170	7.817065	31.872452
O	6.372399	8.016647	29.964058
O	4.673032	8.357925	27.729438
Ti	6.605865	8.229304	28.113656
O	8.201091	9.367289	27.638351
O	7.887669	9.038232	32.033596
O	7.383152	6.475681	32.839946
Ti	8.443613	5.007080	32.308978
O	8.343091	5.110144	30.483674
O	7.317600	6.562889	27.562754
Ti	8.797866	5.482274	28.611154
O	9.591866	3.442834	28.155245
O	9.305455	3.134727	32.948443
Ti	9.476307	8.654974	31.154315
O	9.940606	9.940133	29.881057
Ti	9.943231	8.793492	28.346146
O	9.264644	7.358634	29.619616
O	11.822170	8.748995	28.141630
O	10.867023	8.115180	32.228684
O	10.381700	5.431214	32.586871
Ti	11.931465	6.532000	32.005161
O	12.357850	6.542686	30.212373
O	10.791279	5.854482	28.228693
Ti	12.641028	7.081422	28.287890

O	14.584735	7.323301	28.369347
O	13.445427	4.818069	28.237320
O	12.790171	4.342994	32.278485
O	13.610355	6.697941	32.984813
O	15.408628	5.836351	30.845253
Ti	14.493084	5.169780	32.326460
O	15.526258	3.584335	32.567263
Ti	15.110833	5.679640	29.009174
O	16.280806	4.422642	28.333293
Ti	15.380313	2.693677	28.478134
Ti	15.190082	2.244928	31.282852
O	14.777345	1.080137	27.499090
Ti	12.932837	0.461776	28.031315
O	12.985733	-0.058989	29.851099
O	14.539519	0.699870	32.078336
Ti	12.736828	0.168052	31.698029
O	14.029324	2.987193	29.900704
O	11.627405	-0.963217	27.588954
O	12.022056	2.056180	28.012315
Ti	11.641762	3.882415	28.552083
O	16.441283	1.940078	29.898295
O	10.923991	3.557027	30.285972
O	11.840207	1.671948	32.357476
Ti	11.075591	3.373106	32.097040
Ti	0.992959	4.842433	31.247809
Ti	0.329385	4.712441	28.418054
O	1.947346	6.274477	31.971379
Ti	3.538230	7.211009	31.512713
O	2.976430	7.891132	29.897632
O	1.397138	6.314283	27.970684
Ti	3.280769	7.043683	28.222884
O	1.863462	4.088926	29.665896
O	4.664985	8.391323	32.437918
O	4.945064	5.894954	31.505299
Ti	5.210022	4.045981	31.986670
O	-0.484196	5.209865	30.046440
O	5.159838	3.186085	30.382378
O	4.275067	5.502740	28.500452
Ti	5.146644	3.777070	28.575233
Ti	2.283372	2.155892	32.422737
O	0.843015	3.504210	32.502713
O	3.445328	2.674273	28.246826
O	2.422852	0.239574	28.412940
O	1.588357	1.549265	30.778400
Ti	1.741112	2.000041	28.953604
O	0.114168	2.756441	28.084540
O	3.609303	3.466138	32.769007
Ti	6.490196	-2.434597	28.723120
O	6.278587	-3.607988	30.198140
Ti	6.810647	-2.295081	31.491083
O	7.107365	-1.092514	30.083969
O	5.374816	-1.640496	32.504194

O	4.925552	-1.403691	28.365496
O	6.073053	1.555215	28.282795
Ti	4.468724	0.378347	28.665849
O	4.413356	0.557797	30.572162
O	6.216322	1.140028	32.962124
Ti	4.783617	0.153072	32.351720
O	3.131630	0.694819	33.207270
O	6.858951	3.762242	32.849734
O	7.067070	4.232102	28.321270
Ti	9.733822	-1.169734	28.213436
O	10.103082	-1.618326	30.004726
O	11.631666	-1.201145	32.362634
Ti	9.806010	-1.290360	31.822422
O	8.458980	-2.552327	32.336646
O	8.280410	-2.548802	27.920052
O	9.030347	0.550524	28.261359
Ti	8.034417	2.147350	28.592425
O	7.864272	2.162772	30.471168
O	9.012353	0.310966	32.370358
Ti	7.890749	1.855455	32.299774

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Ti	-6.976387	3.817152	-1.894256
O	-7.566604	4.004302	-0.128614
O	-8.669484	2.716524	2.309632
Ti	-7.180584	3.923479	1.701542
O	-6.627940	5.834075	1.968724
O	-6.372380	5.600788	-2.235894
O	-5.358038	2.991058	-2.315604
Ti	-3.622967	2.261690	-1.982216
O	-3.541326	2.243504	-0.142753
O	-5.678078	2.870490	1.833501
Ti	-3.774195	2.481794	1.734496
O	-1.983930	1.128570	2.089730
O	-1.885611	1.101900	-2.531916
Ti	-4.810884	6.156356	-1.373187
O	-5.141020	7.613245	-0.146638
Ti	-4.907595	6.568854	1.389628
O	-4.470707	5.087925	0.198169
O	-3.077979	6.883593	2.154126
O	-3.278368	6.262831	-2.399147
O	-2.253106	3.658715	-2.476771
Ti	-1.574447	5.461104	-2.004426
O	-1.480053	5.658879	-0.133644
O	-2.374311	3.923433	2.093424
Ti	-1.556548	5.711321	1.731443
O	0.004467	7.026383	2.044371
O	0.323318	4.316088	1.883163
O	0.314842	4.171327	-1.863891
O	-0.165012	6.611427	-2.665743
O	1.687110	6.327253	-0.149727
Ti	1.334146	5.758196	-1.881988

Ti	1.551459	5.794512	1.665735
Ti	-0.423180	2.375366	1.810944
O	-0.599074	2.275500	-0.095275
Ti	-0.528142	2.370847	-1.935432
Ti	-9.797047	-2.016901	-1.319811
Ti	-9.747356	-2.369014	1.484962
O	-10.048792	-0.382964	-2.166021
Ti	-8.732165	0.964607	-1.781354
O	-9.123444	1.098849	0.073725
O	-10.151169	-0.757577	2.511750
Ti	-8.918686	0.821629	1.915407
O	-8.503567	-1.812998	0.118356
O	-8.396458	2.685026	-2.472922
O	-7.198015	0.097062	-2.354623
Ti	-5.604186	-0.790513	-1.845538
O	-11.025111	-2.478586	0.073753
O	-5.435278	-0.506548	-0.040936
O	-7.321739	-0.040894	2.218464
Ti	-5.805672	-1.132628	1.695907
Ti	-7.502930	-4.151863	-2.017359
O	-9.207910	-3.377664	-2.452215
O	-6.610062	-2.924070	1.453259
O	-6.297044	-5.597888	1.975955
O	-7.923834	-5.124212	-0.491298
Ti	-7.630932	-4.570643	1.268124
O	-9.337370	-4.153042	1.947954
O	-6.460110	-2.594206	-1.851051
O	-3.116151	-4.909928	-2.759049
O	-3.357246	-5.557918	2.292770
O	-4.028118	-2.304941	2.068434
Ti	-4.771242	-4.342760	1.900446
O	-4.510821	-4.135176	-0.060521
O	-3.968794	-2.140018	-2.372332
Ti	-4.558811	-3.971454	-1.907578
O	-6.022538	-5.030084	-2.697721
O	-4.289980	0.453205	-2.612372
O	-4.476722	0.464359	2.154364
O	-1.169734	-1.859768	2.117518
Ti	-2.632052	-0.757571	1.713986
O	-2.527002	-0.770332	-0.195894
O	-1.040324	-1.504209	-2.820092
Ti	-2.564772	-0.732797	-2.062420
O	0.985484	1.729910	-2.893754
Ti	2.459358	0.833561	-2.215157
O	2.261574	0.735228	-0.388720
O	1.169957	1.483553	2.001856
Ti	2.788837	0.562964	1.470693
O	4.480217	-0.713932	2.093720
O	4.272432	-0.302721	-2.628887
O	3.351965	5.321400	1.907495
O	2.996427	5.214042	-2.575234
O	3.931780	2.264662	-2.422946

Ti	4.398489	4.071859	-2.048442
O	4.717258	4.069021	-0.201929
O	3.934943	2.209518	2.015199
Ti	4.700724	4.031114	1.716979
O	6.395357	5.196823	2.186140
O	6.634372	2.669160	1.941812
O	6.734675	2.313079	-1.771655
O	6.005433	4.783764	-2.824919
O	7.796750	4.960483	-0.296947
Ti	7.446403	4.039614	-1.895197
O	9.237576	3.548105	-2.414031
Ti	7.876797	4.152168	1.407910
O	9.599274	4.023682	2.255020
Ti	10.384508	2.357782	1.498470
Ti	9.746760	2.151263	-1.300434
O	10.332293	0.483780	1.906689
Ti	9.084707	-1.077508	1.618798
O	9.640836	-1.522239	-0.111328
O	9.694484	0.495273	-2.106652
Ti	8.703842	-1.111794	-1.671755
O	8.686588	2.351439	0.358815
O	8.614189	-2.891701	2.214258
O	7.426885	-0.215068	1.465840
Ti	5.871416	0.795054	1.831582
O	11.271302	2.475835	-0.146765
O	4.832563	0.843838	0.129209
O	7.008409	-0.390914	-1.562603
Ti	5.503796	0.816982	-1.594769
Ti	0.483421	-2.202794	-1.981180
O	0.543309	-2.070260	-0.125480
Ti	0.460233	-2.663058	1.665050
Ti	-1.532740	-5.503617	-2.012877
O	-0.578475	-4.448183	2.033364
O	-0.442512	-7.164417	2.025986
O	-2.014768	-6.197991	-0.340866
Ti	-1.743570	-5.940831	1.477429
O	-0.466413	-3.957638	-1.787822
Ti	4.426237	-6.141764	1.831543
O	4.900222	-7.164409	0.306229
Ti	4.586577	-5.834458	-0.985346
O	4.180522	-4.595583	0.542350
O	3.106996	-6.056976	-2.035057
O	2.758889	-6.988730	2.163077
O	2.139642	-3.978423	2.076836
Ti	1.151264	-6.055632	1.992107
O	1.166750	-5.495875	0.100883
O	2.137861	-3.535285	-2.341295
Ti	1.356543	-5.294424	-1.724471
O	0.025463	-6.404254	-2.591492
O	1.867121	-1.017774	-2.741156
O	1.932815	-1.286894	2.056611
Ti	7.018469	-4.018905	1.938262

O	7.167255	-3.886169	0.059971
O	8.307547	-2.785550	-2.469340
Ti	6.814752	-3.735034	-1.788910
O	6.155130	-5.503850	-1.959283
O	6.232259	-5.780038	2.555725
O	5.487927	-3.046148	2.328774
Ti	3.678937	-2.659899	1.638954
O	3.577903	-2.086112	-0.201689
O	5.243755	-2.925115	-2.423332
Ti	3.566920	-2.129440	-2.043746
Ti	-6.007863	5.565487	4.082029
O	-6.157575	5.432294	5.961277
O	-7.297443	4.330656	8.491642
Ti	-5.804268	5.280136	7.810706
O	-5.144091	7.048975	7.980429
O	-5.221135	7.325652	3.466143
O	-4.478422	4.591421	3.693794
Ti	-2.669270	4.203721	4.382354
O	-2.568221	3.628446	6.222597
O	-4.234128	4.469634	8.444217
Ti	-2.557427	3.672997	8.064859
O	-0.857159	2.559486	8.762442
O	-0.924142	2.830607	3.965274
Ti	-3.414585	7.686477	4.190048
O	-3.888839	8.709195	5.715606
Ti	-3.575723	7.378656	7.006684
O	-3.170682	6.139778	5.478641
O	-2.096386	7.600893	8.056982
O	-1.747391	8.534068	3.858329
O	-1.130442	5.522637	3.944444
Ti	-0.140844	7.599517	4.029651
O	-0.156531	7.037675	5.919809
O	-1.129207	5.078700	8.362486
Ti	-0.346740	6.837444	7.745863
O	0.983957	7.947865	8.612834
O	1.476039	5.501000	7.811468
O	1.588147	5.992088	3.987923
O	1.453272	8.708803	3.995778
O	3.024961	7.739944	6.362297
Ti	2.754289	7.484739	4.543733
Ti	2.542312	7.046904	8.034992
Ti	0.525915	3.745994	8.001672
O	0.466179	3.616624	6.146140
Ti	0.549053	4.206212	4.356846
Ti	-9.374772	-0.810227	4.522543
Ti	-8.736055	-0.606056	7.321077
O	-9.322169	1.063273	4.115368
Ti	-8.073830	2.624047	4.403053
O	-8.629848	3.068847	6.132561
O	-8.682546	1.049787	8.127250
Ti	-7.693149	2.657624	7.691826
O	-7.678021	-0.808117	5.660063

O	-7.603838	4.438090	3.806988
O	-6.416694	1.760202	4.556132
Ti	-4.862526	0.748842	4.188876
O	-10.261943	-0.928340	6.168154
O	-3.821700	0.700283	5.891784
O	-5.997471	1.937920	7.581072
Ti	-4.494903	0.727193	7.614487
Ti	-6.869100	-2.608052	4.610483
O	-8.592289	-2.476822	3.761149
O	-5.728398	-0.766327	7.789646
O	-4.996533	-3.237229	8.844705
O	-6.788386	-3.415365	6.314965
Ti	-6.437627	-2.494263	7.913658
O	-8.228838	-2.004837	8.433492
O	-5.624255	-1.125023	4.077825
O	-2.342290	-3.776393	4.113139
O	-1.986249	-3.670593	8.595665
O	-2.922916	-0.721547	8.443155
Ti	-3.388404	-2.528712	8.069227
O	-3.709378	-2.525298	6.221092
O	-2.926371	-0.666000	4.005403
Ti	-3.691771	-2.487425	4.303619
O	-5.386660	-3.652655	3.834456
O	-3.471190	2.257768	3.927028
O	-3.263526	1.846177	8.649342
O	0.024106	-0.187022	8.915213
Ti	-1.450432	0.709867	8.236626
O	-1.252794	0.808467	6.410460
O	-0.160569	0.060975	4.020135
Ti	-1.780438	0.981047	4.550886
O	2.178978	3.403767	3.903706
Ti	3.641046	2.301174	4.307312
O	3.535742	2.313886	6.217496
O	2.048680	3.046855	8.841532
Ti	3.574302	2.276206	8.083211
O	5.299673	1.091627	8.633400
O	5.485822	1.079682	3.866341
O	4.126151	6.453885	8.780949
O	4.368158	7.102692	3.728717
O	5.036705	3.848886	3.952271
Ti	5.781456	5.886274	4.120295
O	5.520108	5.679114	6.081667
O	4.976459	3.683669	8.393342
Ti	5.568097	5.514828	7.928387
O	7.031946	6.575114	8.717901
O	7.469417	4.138318	7.872441
O	7.621238	4.466274	4.567946
O	7.308479	7.140137	4.045015
O	8.934334	6.666240	6.511887
Ti	8.641660	6.112174	4.752729
O	10.349709	5.694863	4.074291
Ti	8.512180	5.696285	8.038883

O	10.217311	4.922888	8.477107
Ti	10.807934	3.561963	7.346253
Ti	10.762358	3.913221	4.541917
O	11.059112	1.927218	8.190914
Ti	9.742469	0.580354	7.802671
O	10.134072	0.448604	5.947755
O	11.160632	2.305385	3.509984
Ti	9.929009	0.724750	4.106129
O	9.516155	3.358381	5.905946
O	9.407100	-1.139706	8.494350
O	8.207539	1.447788	8.375549
Ti	6.613477	2.334635	7.866075
O	12.038111	4.023251	5.954208
O	6.445226	2.050661	6.061800
O	8.331963	1.586694	3.802385
Ti	6.814210	2.676579	4.324207
Ti	1.432448	-0.831337	4.210713
O	1.607974	-0.731621	6.116719
Ti	1.537511	-0.826928	7.956568
Ti	-0.541879	-4.250024	4.355566
O	0.695034	-2.628456	7.884631
O	1.175627	-5.068157	8.686377
O	-0.677721	-4.784851	6.170679
Ti	-0.324033	-4.215701	7.901727
O	0.686075	-2.771960	4.137441
Ti	5.821705	-4.610150	7.394221
O	6.151739	-6.067423	6.167818
Ti	5.918502	-5.023102	4.631658
O	5.480868	-3.542439	5.822082
O	4.088895	-5.338994	3.867284
O	4.289346	-4.718011	8.419495
O	3.262289	-2.114412	8.498265
Ti	2.584921	-3.917317	8.025330
O	2.490526	-4.115299	6.153219
O	3.383271	-2.379349	3.927673
Ti	2.566280	-4.167762	4.289640
O	1.005578	-5.482165	3.976498
O	2.993279	0.415226	3.931694
O	2.895650	0.442014	8.553351
Ti	7.986873	-2.271694	7.915822
O	8.576246	-2.457547	6.149791
O	9.679966	-1.170368	3.712229
Ti	8.191254	-2.377495	4.319412
O	7.639004	-4.287856	4.052322
O	7.384039	-4.055432	8.257307
O	6.367954	-1.446581	8.336728
Ti	4.632485	-0.717808	8.003604
O	4.550725	-0.700393	6.164052
O	6.688308	-1.325470	4.187381
Ti	4.783813	-0.937891	4.286338

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Ti	-6.995592	3.854809	-1.854481
O	-7.510142	4.014417	-0.064279
O	-8.638971	2.787498	2.307507
Ti	-7.106445	3.950350	1.776564
O	-6.611152	5.881986	2.085287
O	-6.465763	5.649443	-2.243937
O	-5.382497	3.034021	-2.344437
Ti	-3.661368	2.264167	-2.087847
O	-3.565099	2.203065	-0.242129
O	-5.566466	2.944425	1.896188
Ti	-3.762481	2.337399	1.643897
O	-1.958817	1.028969	1.960955
O	-1.922673	1.097058	-2.717633
Ti	-4.906181	6.217976	-1.374577
O	-5.210694	7.695312	-0.163962
Ti	-4.930811	6.675072	1.394728
O	-4.602498	5.155085	0.182037
O	-3.125088	6.845509	2.028536
O	-3.369844	6.270138	-2.408452
O	-2.292924	3.638550	-2.621575
Ti	-1.668217	5.431611	-2.085626
O	-1.525191	5.533490	-0.229848
O	-2.416209	3.819248	1.993945
Ti	-1.679384	5.680166	1.655012
O	-0.124351	7.031242	1.908789
O	0.264515	4.311869	1.710460
O	0.287336	4.135529	-2.025611
O	-0.267139	6.582280	-2.784247
O	1.613714	6.388111	-0.335644
Ti	1.257420	5.743698	-2.039805
Ti	1.429347	5.834250	1.468619
Ti	-0.474995	2.393075	1.605166
O	-0.635316	2.203787	-0.276414
Ti	-0.539866	2.333309	-2.120464
Ti	-9.747112	-2.054330	-1.333780
Ti	-9.684093	-2.399829	1.478395
O	-10.002656	-0.416312	-2.184099
Ti	-8.730955	0.982023	-1.841709
O	-9.149690	1.168971	-0.007063
O	-10.207640	-0.668543	2.331701
Ti	-8.973118	0.903681	1.839630
O	-8.421385	-1.898422	0.072770
O	-8.401340	2.731322	-2.474308
O	-7.194989	0.127797	-2.448990
Ti	-5.625306	-0.779834	-1.907225
O	-10.970466	-2.493906	0.044058
O	-5.505340	-0.530865	-0.093572
O	-7.369072	0.052390	2.120568
Ti	-5.875476	-1.101452	1.666693
Ti	-7.481206	-4.156987	-2.066124
O	-9.186223	-3.414091	-2.504531
O	-6.855152	-2.859982	1.892055

O	-6.213115	-5.576025	1.913686
O	-7.826204	-5.112731	-0.521416
Ti	-7.612053	-4.592697	1.265160
O	-9.366479	-4.271794	1.822679
O	-6.452728	-2.591676	-1.861961
O	-3.067233	-4.820294	-2.759832
O	-3.284541	-5.760715	2.140603
O	-4.129356	-2.333358	1.907810
Ti	-4.627354	-4.404449	1.958320
O	-4.530101	-4.114402	-0.038964
O	-3.977781	-2.125736	-2.416179
Ti	-4.552951	-3.949883	-1.883686
O	-5.975823	-5.014003	-2.734707
O	-4.314084	0.451735	-2.693300
O	-4.474730	0.396682	2.118979
O	-1.211390	-1.944912	2.009303
Ti	-2.701423	-0.887114	1.609807
O	-2.530250	-0.755435	-0.297312
O	-1.030337	-1.513865	-2.902629
Ti	-2.566711	-0.725705	-2.159709
O	1.013485	1.676256	-2.985919
Ti	2.538685	0.827324	-2.324703
O	2.432264	0.764757	-0.479736
O	1.123729	1.496762	1.868433
Ti	2.718896	0.561742	1.409636
O	4.509377	-0.681665	1.899959
O	4.328441	-0.343237	-2.773624
O	3.237065	5.287158	1.681388
O	2.945257	5.201367	-2.703319
O	3.970871	2.239941	-2.621220
Ti	4.361034	4.052092	-2.237299
O	4.726968	4.027516	-0.402283
O	3.950047	2.186023	1.847353
Ti	4.621852	4.056184	1.522802
O	6.300756	5.258732	1.902543
O	6.659789	2.703008	1.891667
O	6.890879	2.141462	-2.237647
O	5.977877	4.643990	-3.085340
O	7.668751	4.860664	-0.609488
Ti	7.473716	3.923746	-2.214424
O	9.330281	3.466321	-2.493053
Ti	7.778518	4.177792	1.149259
O	9.506245	4.233083	1.896023
Ti	10.307921	2.506998	1.518453
Ti	9.762840	2.101509	-1.295408
O	10.305976	0.602985	2.016018
Ti	9.122843	-1.046979	1.758611
O	9.693023	-1.529141	0.040118
O	9.760386	0.402152	-2.039301
Ti	8.785694	-1.183683	-1.558304
O	8.633199	2.277780	0.296901
O	8.606747	-2.880581	2.323412

O	7.469378	-0.211562	1.605669
Ti	5.882380	0.839980	1.669142
O	11.241485	2.500765	-0.114802
O	5.114311	0.980331	-0.097253
O	7.032972	-0.584995	-1.559167
Ti	5.639373	0.745936	-1.831022
Ti	0.495726	-2.177352	-2.047356
O	0.560118	-1.960724	-0.210650
Ti	0.464763	-2.697106	1.535382
Ti	-1.471537	-5.469476	-2.109860
O	-0.610557	-4.504950	1.786148
O	-0.385890	-7.237120	1.892255
O	-1.973114	-6.360361	-0.542672
Ti	-1.699121	-6.083007	1.271000
O	-0.413364	-3.948285	-1.737887
Ti	4.391730	-6.107236	1.892262
O	4.911211	-7.118065	0.361156
Ti	4.674153	-5.785811	-0.935654
O	4.240079	-4.530586	0.602473
O	3.233282	-5.975519	-2.039954
O	2.754846	-7.010524	2.179646
O	2.131357	-4.002792	1.974969
Ti	1.167587	-6.058993	1.921828
O	1.230268	-5.545546	0.012822
O	2.153427	-3.521236	-2.421438
Ti	1.427431	-5.282762	-1.800332
O	0.107613	-6.314569	-2.754719
O	1.906869	-1.016533	-2.804926
O	1.956934	-1.322404	1.891076
Ti	6.918726	-3.854260	2.045870
O	6.943304	-3.562888	0.174820
O	8.446300	-2.873048	-2.353166
Ti	6.809309	-3.596583	-1.724083
O	6.286658	-5.420223	-1.808181
O	6.174954	-5.645893	2.568649
O	5.462849	-2.800827	2.663983
Ti	3.679757	-2.668842	1.587021
O	3.676114	-2.136268	-0.293679
O	5.272130	-2.941377	-2.581884
Ti	3.610057	-2.145145	-2.131140
Ti	-6.046662	5.712494	4.146639
O	-6.750186	6.090010	5.838280
O	-7.712195	4.259982	8.218664
Ti	-6.288555	5.540511	7.576536
O	-5.525031	7.370694	7.915231
O	-5.154209	7.463371	3.494623
O	-4.430380	4.793352	4.068028
Ti	-2.643964	4.061212	4.318102
O	-2.426186	3.942322	6.137803
O	-4.832190	4.430963	7.576820
Ti	-2.923778	4.116634	7.987645
O	-1.051874	2.722890	8.301709

O	-0.850090	2.787844	3.799360
Ti	-3.602449	7.985267	4.518690
O	-4.094476	9.269705	5.880848
Ti	-3.811073	8.089340	7.318958
O	-3.346232	6.765002	5.991067
O	-1.999034	8.386594	8.147811
O	-1.934498	8.534672	3.883999
O	-1.236247	5.514329	3.809026
Ti	-0.302523	7.562193	3.914756
O	-0.237868	7.237845	5.862337
O	-1.313229	5.513309	8.208955
Ti	-0.407291	7.259528	7.686653
O	1.133778	8.538646	8.181377
O	1.394601	5.882612	8.151506
O	1.551380	5.986776	3.711088
O	1.328432	8.646554	3.814504
O	2.936218	7.679412	6.169124
Ti	2.681859	7.475254	4.353105
Ti	2.744963	7.276946	8.009067
Ti	0.388789	4.044681	7.900874
O	0.471655	4.316675	6.021309
Ti	0.548590	4.220208	4.179293
Ti	-9.568873	-0.741591	4.386737
Ti	-8.973650	-0.893548	7.182679
O	-9.492465	1.127808	3.997535
Ti	-8.092011	2.539748	4.420850
O	-8.758364	2.552348	6.213320
O	-8.995484	0.516228	8.481535
Ti	-8.031727	2.340969	7.907110
O	-7.898518	-0.895994	5.524904
O	-7.460917	4.325549	3.937246
O	-6.461955	1.671659	4.456598
Ti	-4.823108	0.709275	4.251631
O	-10.500597	-0.906447	6.014545
O	-4.306534	0.501774	6.048169
O	-6.427292	1.472379	7.934602
Ti	-4.801453	0.393572	7.834216
Ti	-7.019725	-2.635558	4.245383
O	-8.891187	-2.427536	3.572570
O	-5.865469	-1.287251	7.759605
O	-5.415194	-3.962494	8.345901
O	-7.084666	-3.601832	5.850574
Ti	-6.755720	-2.964986	7.586689
O	-8.613584	-2.502106	7.976872
O	-5.691480	-1.165057	4.000873
O	-2.536500	-3.753847	3.790818
O	-2.334399	-4.002629	8.433963
O	-3.021616	-0.801530	8.334484
Ti	-3.806012	-2.823521	8.195407
O	-3.780971	-2.558354	6.240978
O	-2.946465	-0.697664	3.935909
Ti	-3.830042	-2.467739	4.393233

O	-5.349496	-3.724458	3.805391
O	-3.452252	2.176712	3.870208
O	-3.582694	2.065666	8.298132
O	-0.132585	-0.211303	8.212913
Ti	-1.686978	0.807351	7.934785
O	-1.644076	0.978767	6.068697
O	0.042343	0.014670	3.893428
Ti	-1.610022	0.855001	4.201642
O	2.152524	3.300393	3.829585
Ti	3.706211	2.280671	4.107520
O	3.663087	2.108396	5.973676
O	1.977741	3.074369	8.149087
Ti	3.629462	2.232885	7.840664
O	5.471752	0.911429	8.172485
O	5.602053	1.022584	3.743982
O	4.556302	6.842172	8.251526
O	4.354949	7.091127	3.608806
O	5.041084	3.889361	3.708047
Ti	5.826342	5.911364	3.847594
O	5.800085	5.646025	5.801996
O	4.965992	3.785339	8.106413
Ti	5.849466	5.555920	7.649742
O	7.369170	6.812977	8.237053
O	7.711018	4.253451	8.041887
O	7.883267	4.376352	4.282980
O	7.434965	7.051463	3.697435
O	9.104445	6.689694	6.192121
Ti	8.775267	6.053369	4.455928
O	10.633322	5.590481	4.065532
Ti	9.039132	5.723992	7.797654
O	10.910475	5.516729	8.471011
Ti	11.589503	3.831386	7.656587
Ti	10.994747	3.982398	4.860531
O	11.513716	1.962189	8.045708
Ti	10.112872	0.550809	7.622416
O	10.778184	0.538189	5.829381
O	11.016646	2.573362	3.561424
Ti	10.052223	0.749066	4.135505
O	9.919238	3.984893	6.517851
O	9.482291	-1.235296	8.105638
O	8.482505	1.418529	7.587131
Ti	6.842416	2.378856	7.791043
O	12.521387	3.997003	6.028771
O	6.326572	2.585129	5.994267
O	8.447774	1.617827	4.107147
Ti	6.820414	2.694409	4.207966
Ti	1.630615	-0.956592	4.141727
O	1.547421	-1.229241	6.021230
Ti	1.470787	-1.132054	7.863217
Ti	-0.725328	-4.189163	4.033750
O	0.468243	-2.898711	8.331518
O	0.691975	-5.558492	8.228440

O	-0.916572	-4.592200	5.873408
Ti	-0.661428	-4.387642	7.689385
O	0.624611	-2.794480	3.891116
Ti	5.623455	-4.894963	7.524300
O	6.115723	-6.179208	6.158506
Ti	5.831625	-5.000246	4.724141
O	5.366320	-3.674960	6.051480
O	4.019775	-5.297235	3.895235
O	3.955310	-5.445382	8.157980
O	3.255934	-2.426292	8.233455
Ti	2.322983	-4.473862	8.127657
O	2.256895	-4.149578	6.180056
O	3.332434	-2.425103	3.833711
Ti	2.426928	-4.171432	4.355835
O	0.886205	-5.450528	3.861240
O	3.071288	0.365155	3.740831
O	2.869501	0.300105	8.243160
Ti	8.067789	-2.622002	7.896140
O	8.770654	-2.998821	6.203935
O	9.732185	-1.169620	3.823799
Ti	8.308476	-2.450314	4.465731
O	7.545447	-4.280736	4.127426
O	7.175768	-4.372899	8.547928
O	6.450869	-1.703707	7.974631
Ti	4.663808	-0.973187	7.724621
O	4.445755	-0.854354	5.904871
O	6.851429	-1.341534	4.464913
Ti	4.942726	-1.028149	4.054931
Ti	-4.897991	6.944437	9.997773
O	-4.923043	6.653146	11.868042
O	-6.425886	5.963408	14.396070
Ti	-4.789178	6.686104	13.767010
O	-4.266271	8.509653	13.851181
O	-4.153881	8.735474	9.474315
O	-3.443309	5.889270	9.378589
Ti	-1.660281	5.757250	10.455659
O	-1.657331	5.224086	12.336049
O	-3.252355	6.030661	14.625339
Ti	-1.591052	5.233388	14.173739
O	0.112148	4.104828	14.847413
O	0.062380	4.410544	10.151556
Ti	-2.370574	9.196145	10.150733
O	-2.890012	10.206958	11.682178
Ti	-2.653501	8.874375	12.978467
O	-2.220375	7.619150	11.440445
O	-1.212723	9.064080	14.083098
O	-0.733679	10.099706	9.863478
O	-0.111976	7.091192	10.067653
Ti	0.853052	9.147371	10.120678
O	0.789858	8.632993	12.029587
O	-0.133919	6.609357	14.463917
Ti	0.592577	8.370607	13.842700

O	1.912365	9.402785	14.797252
O	2.432912	7.036007	13.781724
O	2.630346	7.592979	10.256278
O	2.406629	10.325198	10.150679
O	3.993207	9.447269	12.585510
Ti	3.719715	9.170728	10.771702
Ti	3.491394	8.557474	14.152517
Ti	1.523475	5.265299	14.089909
O	1.459301	5.049489	12.253318
Ti	1.554474	5.785415	10.507094
Ti	-8.288001	0.583318	10.524823
Ti	-7.742124	0.988627	13.338478
O	-8.285753	2.486947	10.026376
Ti	-7.102838	4.137275	10.283739
O	-7.673043	4.619547	12.001928
O	-7.739089	2.688181	14.082162
Ti	-6.765437	4.274066	13.600365
O	-6.612833	0.811807	11.745764
O	-6.586079	5.970708	9.719146
O	-5.449469	3.300491	10.436583
Ti	-3.863384	2.248265	10.373030
O	-9.221152	0.590254	12.158119
O	-3.095432	2.106904	12.138617
O	-5.012195	3.675798	13.599978
Ti	-3.620866	2.343190	13.872987
Ti	-5.759224	-1.089177	10.893525
O	-7.487247	-1.143520	10.147781
O	-4.872742	0.948303	14.280112
O	-3.958393	-1.554356	15.128188
O	-5.649073	-1.771567	12.652502
Ti	-5.454470	-0.834462	14.257154
O	-7.310434	-0.377241	14.535690
O	-4.640927	0.385507	10.150131
O	-1.216978	-2.198593	10.361137
O	-0.925129	-2.112450	14.745739
O	-1.951476	0.848791	14.663421
Ti	-2.341357	-0.963699	14.279432
O	-2.708467	-0.939866	12.445844
O	-1.930760	0.902053	10.194835
Ti	-2.602410	-0.968252	10.519554
O	-4.281339	-2.170206	10.140073
O	-2.490270	3.769999	10.142459
O	-2.309536	3.430772	14.815626
O	1.006170	1.412314	15.027922
Ti	-0.519638	2.260903	14.366772
O	-0.413465	2.323537	12.521769
O	0.896239	1.592246	10.174146
Ti	-0.699775	2.526204	10.632365
O	3.230710	5.033236	10.033198
Ti	4.720365	3.975173	10.432628
O	4.549283	3.843147	12.339719
O	3.049712	4.601582	14.944927

Ti	4.585827	3.813684	14.202185
O	6.333574	2.636750	14.735772
O	6.494072	2.691640	9.923873
O	5.087074	7.908471	14.802986
O	5.305312	8.849091	9.902213
O	6.148081	5.421499	10.134320
Ti	6.647850	7.492550	10.084485
O	6.549663	7.202369	12.081864
O	5.996842	5.213890	14.458451
Ti	6.572569	7.037953	13.926460
O	7.995026	8.103025	14.777615
O	8.471865	5.680355	13.905689
O	8.872648	5.948990	10.151362
O	8.233098	8.664991	10.129795
O	9.846138	8.201206	12.564763
Ti	9.631608	7.680819	10.778244
O	11.385748	7.360833	10.219995
Ti	9.500524	7.245987	14.109626
O	11.205920	6.503110	14.548397
Ti	11.767210	5.144489	13.377436
Ti	11.705326	5.489405	10.565223
O	12.022904	3.506264	14.227305
Ti	10.751435	2.108026	13.885018
O	11.170243	1.921417	12.050703
O	12.228545	3.758319	9.711529
Ti	10.993912	2.186519	10.203792
O	10.442265	4.989030	11.970281
O	10.421911	0.358684	14.517697
O	9.214798	2.961786	14.491647
Ti	7.644669	3.868545	13.949989
O	12.991177	5.584246	11.999784
O	7.524791	3.620167	12.136399
O	9.389435	3.037868	9.922846
Ti	7.894467	4.189670	10.375804
Ti	2.494426	0.695061	10.437119
O	2.655510	0.884905	12.318794
Ti	2.559274	0.754990	14.162963
Ti	0.590538	-2.746376	10.574174
O	1.732497	-1.047198	14.067517
O	2.287118	-3.493773	14.827037
O	0.405924	-3.300405	12.377652
Ti	0.762460	-2.655571	14.082139
O	1.755275	-1.223784	10.332051
Ti	6.927120	-3.127936	13.416878
O	7.232043	-4.605045	12.206583
Ti	6.951932	-3.585340	10.647498
O	6.622764	-2.065339	11.860267
O	5.146192	-3.756110	10.013595
O	5.390481	-3.180836	14.450321
O	4.312470	-0.550448	14.664133
Ti	3.688218	-2.343380	14.128165
O	3.545352	-2.445665	12.272362

O	4.435691	-0.731230	10.048633
Ti	3.699559	-2.592478	10.387302
O	2.144348	-3.943223	10.133737
O	3.978416	2.058999	10.081406
O	3.942238	1.991106	14.760377
Ti	9.016018	-0.764462	13.897882
O	9.529909	-0.923136	12.107534
O	10.659622	0.302758	9.735888
Ti	9.126942	-0.859970	10.266229
O	8.632413	-2.791627	9.957403
O	8.486681	-2.559400	14.286359
O	7.402434	0.055270	14.387998
Ti	5.680872	0.824047	14.130666
O	5.584852	0.885059	12.284980
O	7.586517	0.144975	10.146088
Ti	5.782043	0.750577	10.398740

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Ti	-6.940647	3.898284	-1.909434
O	-7.411591	4.028459	-0.112354
O	-8.579549	2.674776	2.298756
Ti	-7.107796	3.885618	1.751507
O	-6.585298	5.846109	1.986320
O	-6.474431	5.697404	-2.325579
O	-5.359411	3.073873	-2.512762
Ti	-3.653982	2.307980	-2.238192
O	-3.520859	2.272156	-0.401260
O	-5.561500	2.857819	1.916002
Ti	-3.823880	2.130337	1.474065
O	-2.012726	0.870864	1.786355
O	-1.928321	1.077670	-2.832375
Ti	-4.918775	6.285966	-1.452609
O	-5.237752	7.736794	-0.228784
Ti	-4.961717	6.686968	1.325549
O	-4.596853	5.192069	0.058467
O	-3.169009	6.786270	1.970441
O	-3.399123	6.325093	-2.525211
O	-2.284538	3.650323	-2.813564
Ti	-1.725610	5.448871	-2.210503
O	-1.593008	5.489767	-0.356035
O	-2.482775	3.670585	1.828553
Ti	-1.796035	5.562434	1.540620
O	-0.314767	7.045903	1.752548
O	0.219759	4.285474	1.517289
O	0.243458	4.155628	-2.066083
O	-0.323193	6.591425	-2.916197
O	1.555834	6.420715	-0.438967
Ti	1.196391	5.771120	-2.152451
Ti	1.209185	5.939802	1.340950
Ti	-0.527458	2.291182	1.455685
O	-0.676611	2.094036	-0.429266
Ti	-0.552576	2.356481	-2.254437

Ti	-9.547480	-1.691157	-0.860638
Ti	-9.417686	-2.491784	1.975043
O	-10.077768	-0.197474	-1.842704
Ti	-8.633573	1.070982	-1.717391
O	-8.719174	1.240143	0.120550
O	-10.021672	-0.698974	2.643370
Ti	-8.680986	0.694245	2.006039
O	-8.264438	-1.229693	0.595606
O	-8.329813	2.742452	-2.517122
O	-7.276252	-0.046257	-2.488074
Ti	-5.644914	-0.549519	-1.744077
O	-10.603927	-2.511212	0.411691
O	-5.668729	0.278342	-0.109385
O	-6.970701	0.120753	2.626181
Ti	-6.022258	-1.149704	1.256194
Ti	-7.165433	-3.729592	-1.503061
O	-8.778591	-2.937651	-2.041626
O	-7.214413	-2.788552	2.075633
O	-5.964701	-5.543192	2.026564
O	-7.639038	-5.040890	-0.291555
Ti	-7.507647	-4.729635	1.544261
O	-9.276049	-4.453376	2.047178
O	-6.249905	-2.284886	-0.647708
O	-2.850203	-4.841676	-2.807578
O	-3.073744	-5.991060	2.052856
O	-4.397233	-2.336221	1.515565
Ti	-4.322080	-4.438166	2.042302
O	-4.071753	-4.280740	0.003425
O	-4.129428	-2.028939	-2.226161
Ti	-4.155698	-3.924907	-1.786123
O	-5.841834	-4.433375	-2.576235
O	-4.310972	0.454413	-2.760171
O	-4.489895	0.182541	2.044593
O	-1.376518	-2.318547	2.077452
Ti	-2.768487	-1.074584	1.562677
O	-2.511367	-0.816562	-0.340737
O	-1.146296	-1.654299	-2.960438
Ti	-2.562737	-0.693251	-2.193552
O	0.964264	1.740619	-3.212753
Ti	2.413985	0.892953	-2.398710
O	2.164565	0.829331	-0.593190
O	1.193895	1.666439	1.753510
Ti	2.751442	0.627824	1.268940
O	4.453288	-0.646529	1.982416
O	4.236734	-0.222361	-2.791510
O	3.052519	6.018881	2.017078
O	2.855753	5.256551	-2.846647
O	3.891021	2.338386	-2.492080
Ti	4.152014	4.169775	-1.988607
O	3.975344	4.218805	-0.138091
O	4.011866	2.276893	1.818642
Ti	4.077989	4.327202	1.811521

O	5.940570	5.111174	1.812927
O	6.828428	2.526672	1.985640
O	6.638361	2.406852	-1.709190
O	5.833000	4.891626	-2.563519
O	7.675146	5.054222	-0.218584
Ti	7.357102	4.124476	-1.788777
O	9.180583	3.648480	-2.289076
Ti	7.693755	4.205175	1.486828
O	9.626218	4.401220	2.176197
Ti	10.387908	2.639266	1.686222
Ti	9.798852	2.331045	-1.133826
O	10.172583	0.734316	2.128199
Ti	9.039075	-0.955291	1.884694
O	9.658013	-1.356699	0.163999
O	9.742017	0.638607	-1.877139
Ti	8.724795	-0.930098	-1.408297
O	8.717901	2.528559	0.473927
O	8.593497	-2.826907	2.517973
O	7.363017	-0.201830	1.638303
Ti	5.799385	0.901479	1.679018
O	11.307595	2.671863	0.042141
O	4.709096	0.835424	-0.008909
O	6.991414	-0.246401	-1.485600
Ti	5.439211	0.884343	-1.708501
Ti	0.434361	-2.188341	-2.082927
O	0.362468	-1.832954	-0.258956
Ti	0.466453	-2.655693	1.431014
Ti	-1.260382	-5.593344	-2.161833
O	-0.537595	-4.567763	1.532488
O	-0.189955	-7.311895	1.785682
O	-1.786709	-6.611031	-0.710104
Ti	-1.550504	-6.227273	1.117003
O	-0.308294	-4.028076	-1.698153
Ti	4.529519	-5.962713	1.984324
O	4.860639	-7.017320	0.399880
Ti	4.729052	-5.662591	-0.862352
O	4.266054	-4.394157	0.640339
O	3.420894	-5.865923	-2.136163
O	2.870753	-6.824667	2.387270
O	2.094755	-3.915109	1.912849
Ti	1.252905	-6.030552	1.900082
O	1.444841	-5.597610	-0.036690
O	2.163455	-3.446965	-2.415703
Ti	1.612167	-5.273196	-1.835909
O	0.335801	-6.330609	-2.844360
O	1.814431	-0.987121	-2.819302
O	1.904512	-1.233912	1.784067
Ti	6.885301	-3.751780	2.172972
O	6.848325	-3.165271	0.337712
O	8.388559	-2.609832	-2.204818
Ti	6.777922	-3.369898	-1.534910
O	6.392791	-5.220054	-1.603134

O	6.377685	-5.572791	2.302760
O	5.354400	-2.767794	2.882861
Ti	3.664576	-2.596463	1.639442
O	3.574752	-2.028622	-0.256521
O	5.267310	-2.767985	-2.474869
Ti	3.567428	-2.024830	-2.087772
Ti	-6.060286	5.707850	4.088391
O	-6.596751	6.044569	5.845651
O	-7.616187	4.366661	8.173312
Ti	-6.164155	5.610231	7.637251
O	-5.532985	7.499413	7.953213
O	-5.152655	7.446870	3.454556
O	-4.461977	4.735626	3.954063
Ti	-2.716291	3.921054	4.087125
O	-2.410649	3.768128	5.907309
O	-4.623671	4.587250	7.731347
Ti	-2.794512	3.966067	7.741413
O	-1.008780	2.610246	8.080067
O	-0.891500	2.654349	3.616252
Ti	-3.601457	7.950346	4.499567
O	-4.058847	9.317566	5.814856
Ti	-3.798475	8.203944	7.298580
O	-3.415897	6.787625	6.026203
O	-1.961714	8.327359	8.081055
O	-1.930189	8.429412	3.855717
O	-1.294049	5.347533	3.637930
Ti	-0.262003	7.474388	3.842557
O	-0.291784	7.152034	5.767994
O	-1.358721	5.424825	8.078821
Ti	-0.396122	7.180826	7.599192
O	1.216035	8.460741	7.976612
O	1.379616	5.794450	7.894853
O	1.278307	5.907349	3.715804
O	1.410868	8.507185	3.555933
O	2.929805	7.345366	5.792645
Ti	2.790317	7.274329	3.895622
Ti	2.771557	7.176159	7.640626
Ti	0.498716	3.929096	7.703194
O	0.533911	3.895985	5.791289
Ti	0.548095	4.044419	3.946322
Ti	-9.465502	-0.700020	4.781439
Ti	-8.471422	-0.898319	7.560765
O	-9.326716	1.113377	4.132460
Ti	-8.216842	2.750882	4.444342
O	-8.979212	2.950811	6.167432
O	-9.220178	0.813074	8.360561
Ti	-8.168716	2.512065	7.786745
O	-7.693958	-0.944954	5.633596
O	-7.633573	4.524343	3.791085
O	-6.506906	2.096572	4.643325
Ti	-5.249550	0.792178	3.989312
O	-10.171034	-0.795748	6.450765

O	-4.551577	0.541490	5.813336
O	-6.597580	1.544704	7.775533
Ti	-4.976334	0.423232	7.585057
Ti	-7.015618	-2.609296	4.338789
O	-9.029748	-2.534483	4.008462
O	-6.192615	-1.242079	7.653748
O	-5.373826	-3.984323	8.402542
O	-6.963480	-3.832349	5.774312
Ti	-6.724139	-3.154740	7.492213
O	-8.489376	-2.748287	8.040338
O	-5.604155	-1.207147	4.274870
O	-2.874006	-3.898922	3.548083
O	-2.369847	-4.143936	8.437800
O	-3.261983	-0.784206	8.229455
Ti	-3.765806	-2.861003	8.334110
O	-3.765773	-2.628349	6.360267
O	-2.791791	-1.003325	3.806620
Ti	-3.927826	-2.425280	4.541735
O	-5.376690	-3.616255	3.669144
O	-3.551802	2.011897	3.698294
O	-3.642094	2.003396	8.126277
O	-0.239908	-0.271921	8.150158
Ti	-1.808431	0.692718	7.823295
O	-1.814145	0.777190	5.945255
O	-0.046878	0.098948	3.662117
Ti	-1.794458	0.748795	4.081035
O	2.386361	3.667489	3.269345
Ti	3.670602	2.360002	4.038024
O	3.428192	2.360793	5.853043
O	2.083243	3.029933	8.095117
Ti	3.717000	2.125236	7.724767
O	5.514630	0.844693	8.157696
O	5.506287	1.079539	3.782869
O	4.609725	6.742044	7.960125
O	4.713222	7.175020	3.658959
O	5.047259	3.922684	3.786985
Ti	6.074612	5.925951	3.788397
O	6.139265	5.564433	5.706866
O	5.087128	3.689964	8.003062
Ti	5.953996	5.465160	7.546753
O	7.616324	6.697614	8.005343
O	7.878987	4.137421	8.022328
O	7.823982	4.312687	3.838352
O	7.776420	6.878604	3.233527
O	9.261518	6.314317	5.678233
Ti	9.144259	5.810025	3.839581
O	11.129701	5.437315	3.992030
Ti	9.117720	5.546197	7.378044
O	10.802937	5.431297	8.368879
Ti	11.727210	3.753140	7.724577
Ti	11.442420	3.912712	4.895543
O	11.560944	1.884213	8.136183

Ti	10.189634	0.418075	7.748201
O	10.850919	0.450143	5.952440
O	11.292204	2.477803	3.634353
Ti	10.095873	0.830781	4.286178
O	10.174350	3.800336	6.372597
O	9.613171	-1.371202	8.285747
O	8.570606	1.307126	7.724356
Ti	6.956347	2.301692	7.854397
O	12.837375	3.932477	6.209382
O	6.356493	2.487118	6.057342
O	8.531520	1.749313	4.345161
Ti	6.776408	2.638633	4.267416
Ti	1.516613	-0.829941	4.034398
O	1.447443	-1.092468	5.917589
Ti	1.429604	-1.106905	7.767476
Ti	-0.944457	-3.988320	3.701004
O	0.325946	-2.859555	8.169934
O	0.471452	-5.554331	7.940263
O	-1.092461	-4.168370	5.609147
Ti	-0.811221	-4.294218	7.435357
O	0.560503	-2.672605	3.731000
Ti	5.276286	-4.559847	7.964504
O	5.697191	-5.629107	6.406061
Ti	5.446189	-4.328324	5.101308
O	5.044210	-3.082024	6.556726
O	4.029785	-4.981811	3.893182
O	3.648548	-5.437221	8.376688
O	3.115359	-2.466979	8.198546
Ti	2.065574	-4.453084	8.122465
O	2.195042	-4.129824	6.129093
O	3.214755	-2.306227	3.888272
Ti	2.214923	-4.061998	4.317911
O	0.694227	-5.288968	3.758242
O	2.929189	0.525825	3.666998
O	2.900891	0.256891	8.144997
Ti	8.076909	-2.645489	8.044642
O	8.724664	-2.918741	6.295853
O	9.655480	-1.058246	3.936686
Ti	8.219192	-2.317366	4.595307
O	7.187420	-4.061122	4.359211
O	7.090359	-4.329419	8.689871
O	6.540753	-1.619979	8.083156
Ti	4.651389	-1.118944	7.701692
O	4.344877	-0.570404	5.921071
O	6.753618	-1.215537	4.561748
Ti	4.824844	-0.917455	4.129887
Ti	-5.046828	7.277550	10.017648
O	-5.694223	7.552624	11.766156
O	-6.624916	5.693551	14.126696
Ti	-5.187778	6.950941	13.466547
O	-4.155333	8.694013	13.702545
O	-4.057927	8.959995	9.372745

O	-3.510919	6.251999	9.980789
Ti	-1.621573	5.750577	10.362077
O	-1.313998	5.199879	12.142250
O	-3.723283	5.847558	13.499753
Ti	-1.794912	5.549063	13.932800
O	0.100244	4.104845	14.398891
O	0.127843	4.374981	9.918533
Ti	-2.243488	9.190109	10.098217
O	-2.663284	10.259616	11.657313
Ti	-2.412991	8.958889	12.962223
O	-2.012131	7.712395	11.507097
O	-0.996994	9.614273	14.171050
O	-0.616699	10.069450	9.685706
O	-0.086798	7.100315	9.863975
Ti	0.966359	9.084933	9.939513
O	0.836064	8.761668	11.934031
O	-0.184727	6.937216	14.174126
Ti	0.815613	8.692140	13.745020
O	2.335889	9.919476	14.306255
O	2.468882	7.302181	14.333487
O	2.703551	7.491014	9.891925
O	2.561543	10.184442	10.122708
O	4.120950	8.796056	12.455532
Ti	3.842752	8.922908	10.629019
Ti	3.973108	8.618546	14.363922
Ti	1.513252	5.459762	14.029012
O	1.580068	5.725504	12.145992
Ti	1.598711	5.739589	10.296150
Ti	-8.697145	0.881972	10.340445
Ti	-8.411671	0.722241	13.168821
O	-8.532357	2.749872	9.927790
Ti	-7.160521	4.215761	10.315363
O	-7.824273	4.183755	12.111413
O	-8.261390	2.157173	14.429827
Ti	-7.064306	3.804270	13.777306
O	-7.144183	0.833611	11.691219
O	-6.583639	6.004349	9.776585
O	-5.540931	3.327730	10.342004
Ti	-3.927768	2.331935	10.210365
O	-9.807524	0.702764	11.855768
O	-3.324471	2.145248	12.006359
O	-5.502593	2.884994	13.717902
Ti	-3.747300	1.994940	13.796250
Ti	-6.089585	-0.913654	10.687040
O	-7.776310	-0.799699	9.698516
O	-4.793224	0.320493	14.224284
O	-4.745721	-2.243408	14.833498
O	-6.231742	-1.681855	12.387347
Ti	-6.114427	-1.176169	14.225704
O	-8.099340	-0.802108	14.072140
O	-4.849673	0.495182	10.042715
O	-1.582151	-2.110662	10.101060

O	-1.680032	-2.537599	14.409235
O	-2.017156	0.710267	14.276823
Ti	-3.043706	-1.291397	14.277305
O	-3.107103	-0.932795	12.358174
O	-2.058114	0.942496	10.061130
Ti	-2.924752	-0.831420	10.518247
O	-4.586557	-2.063866	10.060927
O	-2.484939	3.787385	9.905604
O	-2.476502	3.553308	14.280544
O	0.643862	0.966327	14.796203
Ti	-0.641537	2.271980	14.025313
O	-0.399110	2.268665	12.210404
O	0.945845	1.601879	9.967354
Ti	-0.687886	2.506605	10.338683
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Ti	4.837332	3.938537	10.240030
O	4.848216	3.850996	12.118415
O	3.075631	4.527952	14.397161
Ti	4.825894	3.881540	13.982925
O	6.583348	2.617790	14.366816
O	6.672794	2.629507	9.939349
O	5.902602	8.531294	14.515795
O	5.403079	8.771797	9.629843
O	6.291816	5.414971	9.835185
Ti	6.800698	7.491286	9.735383
O	6.797725	7.258796	11.708339
O	5.822495	5.632461	14.259276
Ti	6.959224	7.057176	13.526669
O	8.405869	8.255273	14.390942
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O	9.218384	5.878862	10.415083
O	8.404730	8.619652	9.666489
O	9.997964	8.466570	12.291817
Ti	9.755873	7.789937	10.574467
O	11.520136	7.378241	10.024975
Ti	10.045320	7.242335	13.727312
O	12.058430	7.164168	14.062969
Ti	12.492004	5.331483	13.287497
Ti	11.497313	5.527871	10.506964
O	12.359821	3.517533	13.932537
Ti	11.249246	1.879329	13.618116
O	12.007620	1.679868	11.895007
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Ti	11.199454	2.121970	10.276893
O	10.719597	5.576844	12.434769
O	10.661887	0.105287	14.267646
O	9.541509	2.539725	13.425040
Ti	8.279983	3.839990	14.082989
O	13.195480	5.428387	11.617447
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Ti	8.004734	4.209999	10.484783

Ti	2.529793	0.702575	10.360478
O	2.497300	0.744477	12.272253
Ti	2.480596	0.588616	14.116737
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O	1.748705	-1.272901	14.339044
O	1.619179	-3.874221	14.508402
O	0.094916	-2.725914	12.267918
Ti	0.241284	-2.641864	14.164365
O	1.647523	-1.162599	10.171991
Ti	6.629314	-3.319255	13.561458
O	7.085416	-4.686592	12.246201
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O	6.445321	-2.155793	12.035416
O	4.991767	-3.693779	9.979202
O	4.958161	-3.793265	14.206979
O	4.321600	-0.715482	14.427226
Ti	3.289548	-2.838273	14.220138
O	3.320345	-2.519049	12.293648
O	4.386453	-0.791870	9.984414
Ti	3.424402	-2.548919	10.462742
O	1.814528	-3.828655	10.084894
O	4.038128	2.021532	9.982516
O	3.923508	1.975580	14.449883
Ti	9.088279	-1.078831	13.973553
O	9.624145	-1.414676	12.216112
O	10.643451	0.268188	9.891257
Ti	9.192924	-0.977623	10.424675
O	8.562491	-2.867284	10.108839
O	8.178854	-2.817231	14.609022
O	7.490063	-0.106334	14.110309
Ti	5.745372	0.709660	13.977370
O	5.440752	0.862348	12.157053
O	7.651799	0.044553	10.331397
Ti	5.822953	0.666680	10.322431
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O	-3.815830	7.799867	17.725200
O	-5.355071	7.244878	20.266270
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O	-2.323971	7.400830	15.178695
Ti	-0.634738	7.228774	16.423739
O	-0.544899	6.659777	18.319193
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Ti	-0.536010	6.656633	20.150498
O	1.216004	5.619108	20.882228
O	1.125189	5.865006	16.278951
Ti	-1.496806	10.595984	16.078563
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Ti	-1.695328	10.295774	18.925538
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O	-0.387586	10.500147	20.199792

O	0.161918	11.457873	15.676446
O	0.936218	8.546490	16.151993
Ti	1.779287	10.662030	16.163657
O	1.587131	10.227890	18.099781
O	0.865999	8.079748	20.479609
Ti	1.419705	9.904973	19.899103
O	2.694895	10.963466	20.907409
O	3.339235	8.661202	19.761542
O	3.570459	9.199875	16.531457
O	3.219961	11.944249	16.277901
O	4.818594	11.244687	18.770792
Ti	4.583259	10.860686	16.943676
Ti	4.291294	10.228160	20.223110
Ti	2.595391	6.822660	20.147150
O	2.668212	6.466069	18.323986
Ti	2.562556	7.287261	16.633131
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O	-2.801766	-0.259300	20.625323
O	-4.644588	-0.420511	18.282694
Ti	-4.327125	0.509262	19.853014
O	-6.150207	0.985278	20.352590
O	-3.800685	2.107134	16.077202
O	-0.017319	-1.384852	16.048023
O	0.175953	-0.620729	20.916297
O	-0.862535	2.294814	20.555991
Ti	-1.119849	0.462872	20.053351
O	-0.940221	0.412620	18.203291
O	-0.983999	2.355669	16.245787
Ti	-1.045076	0.306269	16.253078
O	-2.908395	-0.475545	16.252703
O	-1.424761	5.279704	16.081163
O	-1.206018	4.854428	20.855582
O	2.065204	2.891618	21.276332
Ti	0.615453	3.739651	20.462530
O	0.865162	3.802178	18.657122

O	1.835330	2.965722	16.313021
Ti	0.276950	4.004220	16.795658
O	4.405436	6.950710	15.986838
Ti	5.799612	5.709047	16.501755
O	5.538452	5.450268	18.404790
O	4.173787	6.286128	21.027962
Ti	5.589308	5.327001	20.257421
O	7.339874	4.181116	20.824943
O	7.520292	4.450482	16.027429
O	5.882388	9.477515	20.865134
O	6.103454	10.633175	16.000266
O	7.425948	6.972868	16.544950
Ti	7.349669	9.079127	16.017417
O	7.098830	8.919064	18.054017
O	7.152611	6.664932	20.293623
Ti	7.185917	8.558175	19.843600
O	8.866193	9.078610	20.638243
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O	8.990056	10.185577	16.033467
O	10.662584	9.679593	18.349209
Ti	10.530475	9.363171	16.513848
O	12.300911	9.084032	16.018934
Ti	10.192741	8.373342	19.568268
O	11.805385	7.583296	20.109057
Ti	12.578160	6.335221	18.933061
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Ti	11.658261	3.572164	19.784902
O	11.747413	3.397997	17.944792
O	13.047129	5.329017	15.428904
Ti	11.711533	3.932462	16.060297
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O	11.354214	1.898515	20.577928
O	10.304186	4.688673	20.562162
Ti	8.674339	5.191787	19.815808
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Ti	9.051399	5.787799	16.812150
Ti	3.556414	2.341623	16.608429
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Ti	3.582250	2.277942	20.318106
Ti	1.820361	-1.307153	16.728889
O	2.786516	0.479886	20.126394
O	3.355132	-1.950532	20.990706
O	1.477242	-1.789177	18.509932
Ti	1.834985	-1.135321	20.222071
O	2.809626	0.347037	16.547356
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O	8.268854	-3.104014	18.292043
Ti	7.990418	-2.056265	16.736676

O	7.629289	-0.558645	18.002685
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O	6.432167	-1.688258	20.586476
O	5.315206	0.984591	20.877267
Ti	4.757087	-0.813661	20.275991
O	4.619949	-0.858404	18.421704
O	5.512433	0.960994	16.237729
Ti	4.823179	-0.929834	16.524993
O	3.340355	-2.412976	16.310331
O	5.042725	3.761570	16.276984
O	4.957584	3.555587	20.898422
Ti	9.969502	0.739393	19.968328
O	10.437863	0.609312	18.171059
O	11.614347	1.952336	15.762616
Ti	10.135752	0.747672	16.306343
O	9.613520	-1.214052	16.074199
O	9.507876	-1.061056	20.385498
O	8.388710	1.561365	20.576928
Ti	6.684318	2.328167	20.303470
O	6.554109	2.363831	18.465679
O	8.591908	1.779354	16.141423
Ti	6.851927	2.500394	16.590103

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Ti	-6.960414	3.895052	-1.879173
O	-7.469878	4.055535	-0.090285
O	-8.537719	2.631930	2.326575
Ti	-7.095479	3.879491	1.757089
O	-6.606755	5.850964	2.012491
O	-6.522419	5.679309	-2.386310
O	-5.382987	3.043583	-2.459724
Ti	-3.661287	2.289142	-2.235748
O	-3.498676	2.243193	-0.407065
O	-5.555064	2.835789	1.891121
Ti	-3.853884	2.032705	1.459957
O	-2.031220	0.813991	1.752995
O	-1.933369	1.050111	-2.843424
Ti	-4.972163	6.276020	-1.503367
O	-5.283786	7.726780	-0.280088
Ti	-5.008953	6.675375	1.279612
O	-4.713377	5.161683	-0.006118
O	-3.215771	6.703956	1.846003
O	-3.434181	6.297841	-2.554082
O	-2.306223	3.617035	-2.860908
Ti	-1.761727	5.414027	-2.259489
O	-1.620706	5.403089	-0.411379
O	-2.519695	3.596956	1.815102
Ti	-1.837890	5.478612	1.485495
O	-0.396688	6.996862	1.686386
O	0.170867	4.242886	1.491647
O	0.237862	4.125495	-2.161698
O	-0.368297	6.578696	-2.951807

O	1.504203	6.387855	-0.495382
Ti	1.162886	5.754854	-2.216066
Ti	1.142005	5.912948	1.284767
Ti	-0.533306	2.208158	1.449799
O	-0.664416	2.070827	-0.452472
Ti	-0.552455	2.324764	-2.278267
Ti	-9.505263	-1.717990	-0.836062
Ti	-9.360176	-2.555076	1.994461
O	-10.066749	-0.216558	-1.791759
Ti	-8.631117	1.060749	-1.665521
O	-8.679878	1.206161	0.173614
O	-9.977865	-0.764585	2.666770
Ti	-8.632801	0.641868	2.052519
O	-8.218445	-1.268355	0.626892
O	-8.350776	2.729006	-2.474389
O	-7.257312	-0.045551	-2.411829
Ti	-5.612182	-0.562400	-1.702593
O	-10.546289	-2.568377	0.427412
O	-5.582243	0.255295	-0.054961
O	-6.930664	0.039837	2.676393
Ti	-5.989330	-1.208940	1.277636
Ti	-7.128425	-3.751375	-1.506215
O	-8.741625	-2.950487	-2.034843
O	-7.158876	-2.850124	2.093284
O	-5.906176	-5.598750	2.026517
O	-7.588453	-5.071638	-0.300196
Ti	-7.447417	-4.784112	1.540551
O	-9.214801	-4.517714	2.047158
O	-6.224916	-2.304373	-0.634934
O	-2.807036	-4.844242	-2.844133
O	-2.988580	-6.026902	1.976151
O	-4.369996	-2.394826	1.511390
Ti	-4.264307	-4.484460	2.040736
O	-4.034000	-4.330331	-0.015798
O	-4.113357	-2.052030	-2.209858
Ti	-4.114148	-3.953519	-1.796178
O	-5.806570	-4.447582	-2.586379
O	-4.308176	0.429047	-2.756081
O	-4.471855	0.093287	2.113583
O	-1.336078	-2.398586	2.018457
Ti	-2.737330	-1.138494	1.576036
O	-2.491759	-0.859939	-0.337403
O	-1.132699	-1.662341	-2.991887
Ti	-2.546745	-0.716962	-2.188171
O	0.955141	1.707672	-3.264395
Ti	2.428010	0.871873	-2.491605
O	2.166588	0.778415	-0.687562
O	1.249483	1.701928	1.670910
Ti	2.761122	0.623748	1.169236
O	4.469022	-0.650377	1.872434
O	4.274093	-0.229875	-2.880696
O	3.000316	6.036681	1.929127

O	2.835042	5.259049	-2.909562
O	3.895782	2.324319	-2.567922
Ti	4.129658	4.159508	-2.069203
O	3.950493	4.215941	-0.222496
O	4.021138	2.279175	1.728238
Ti	4.030130	4.340040	1.727151
O	5.900784	5.111090	1.733199
O	6.824782	2.544383	1.941336
O	6.682559	2.371334	-1.820235
O	5.825244	4.850974	-2.644727
O	7.650019	5.040865	-0.291310
Ti	7.358659	4.105781	-1.865759
O	9.210451	3.655391	-2.297087
Ti	7.670770	4.235282	1.432403
O	9.615061	4.458730	2.117630
Ti	10.390756	2.683233	1.706964
Ti	9.824579	2.353374	-1.120311
O	10.180822	0.786655	2.187312
Ti	9.052973	-0.910596	1.927794
O	9.689110	-1.319561	0.214317
O	9.787967	0.653948	-1.849317
Ti	8.767120	-0.909775	-1.371181
O	8.732184	2.542484	0.476157
O	8.619147	-2.779787	2.564938
O	7.383839	-0.168850	1.631861
Ti	5.798431	0.912702	1.601383
O	11.324393	2.699879	0.070463
O	4.720911	0.851083	-0.096999
O	7.021994	-0.252687	-1.479035
Ti	5.468364	0.866174	-1.788829
Ti	0.469727	-2.200038	-2.164143
O	0.391591	-1.860319	-0.339046
Ti	0.505739	-2.703597	1.339341
Ti	-1.201090	-5.604232	-2.249476
O	-0.471822	-4.621182	1.424634
O	-0.110333	-7.362666	1.666556
O	-1.718612	-6.653763	-0.815821
Ti	-1.483647	-6.283243	1.015322
O	-0.248227	-4.049135	-1.768441
Ti	4.612034	-5.954290	1.915232
O	4.962279	-7.008879	0.330986
Ti	4.800470	-5.660671	-0.933280
O	4.324980	-4.397273	0.567207
O	3.495874	-5.875348	-2.215122
O	2.964148	-6.849901	2.284768
O	2.143667	-3.943299	1.815272
Ti	1.336767	-6.081454	1.782258
O	1.514552	-5.642128	-0.147307
O	2.210343	-3.461678	-2.515003
Ti	1.678849	-5.290780	-1.944650
O	0.393501	-6.321513	-2.967061
O	1.852510	-1.015030	-2.926246

O	1.921605	-1.260683	1.677216
Ti	6.926716	-3.715065	2.164876
O	6.916911	-3.145285	0.318941
O	8.462466	-2.580540	-2.197110
Ti	6.840444	-3.340808	-1.554287
O	6.463236	-5.192710	-1.657709
O	6.451549	-5.546376	2.260828
O	5.373423	-2.737085	2.803598
Ti	3.696653	-2.603072	1.550407
O	3.601773	-2.048252	-0.351162
O	5.334273	-2.755506	-2.519820
Ti	3.611055	-2.038617	-2.179733
Ti	-6.030996	5.708663	4.099260
O	-6.540825	6.118352	5.850731
O	-7.533260	4.416471	8.127175
Ti	-6.088706	5.689103	7.642090
O	-5.517575	7.582794	8.046847
O	-5.125824	7.443218	3.451401
O	-4.448346	4.713208	3.965439
Ti	-2.723441	3.864850	4.037429
O	-2.439792	3.573052	5.851679
O	-4.569581	4.619155	7.707489
Ti	-2.821304	3.825056	7.671533
O	-0.984061	2.456567	8.031929
O	-0.882442	2.605778	3.603250
Ti	-3.668820	8.010096	4.582094
O	-4.088622	9.390028	5.883939
Ti	-3.794907	8.295881	7.393367
O	-3.444742	6.860387	6.106806
O	-2.007576	8.375432	8.164400
O	-2.034535	8.416529	3.831952
O	-1.345376	5.321587	3.604099
Ti	-0.360553	7.445678	3.782427
O	-0.390933	7.174557	5.708034
O	-1.425484	5.334075	7.963509
Ti	-0.579157	7.181718	7.551997
O	1.038166	8.484135	7.906280
O	1.233367	5.783107	7.794036
O	1.228639	5.909984	3.649470
O	1.285760	8.503085	3.400935
O	2.797782	7.502860	5.640702
Ti	2.707886	7.323432	3.758829
Ti	2.539786	7.211689	7.461367
Ti	0.454264	3.865204	7.628481
O	0.495297	3.913272	5.718884
Ti	0.534773	4.034643	3.876289
Ti	-9.417584	-0.775984	4.784240
Ti	-8.466720	-0.970790	7.556439
O	-9.274396	1.054728	4.159828
Ti	-8.162977	2.700305	4.452173
O	-8.929964	2.978593	6.151017
O	-9.110793	0.828840	8.266621

Ti	-8.069377	2.543514	7.748729
O	-7.655068	-0.992609	5.631233
O	-7.566465	4.478101	3.819657
O	-6.460449	2.019131	4.673189
Ti	-5.207175	0.704532	4.049963
O	-10.153680	-0.897495	6.442655
O	-4.389577	0.501928	5.818310
O	-6.479534	1.606495	7.750449
Ti	-4.953836	0.365294	7.570887
Ti	-6.944237	-2.683109	4.364819
O	-8.962671	-2.612614	4.018525
O	-6.211899	-1.224901	7.652444
O	-5.280532	-4.000770	8.425291
O	-6.882835	-3.881522	5.812722
Ti	-6.634364	-3.182073	7.527812
O	-8.424372	-2.819911	8.046226
O	-5.522731	-1.289817	4.370097
O	-2.823740	-3.938628	3.518323
O	-2.331081	-4.461433	8.296701
O	-3.287857	-0.842435	8.199304
Ti	-3.594104	-2.972474	8.426919
O	-3.632869	-2.720796	6.416834
O	-2.717884	-1.081750	3.838604
Ti	-3.844452	-2.509339	4.613068
O	-5.303634	-3.679370	3.691360
O	-3.516277	1.919250	3.692874
O	-3.576079	1.887315	8.130874
O	-0.370083	-0.692159	8.429905
Ti	-1.755955	0.536003	7.832986
O	-1.507783	0.597431	5.970798
O	-0.062046	0.104675	3.395901
Ti	-1.770694	0.694615	4.108383
O	2.373959	3.689968	3.160002
Ti	3.639842	2.346642	3.929169
O	3.216965	2.305384	5.707753
O	2.025844	2.955197	8.015408
Ti	3.664133	2.073185	7.548588
O	5.437746	0.801966	8.021715
O	5.482709	1.077357	3.696549
O	4.348880	6.681852	7.731879
O	4.645662	7.188260	3.577773
O	4.999705	3.933691	3.705153
Ti	6.001242	5.937440	3.710106
O	6.094852	5.532056	5.596338
O	4.985440	3.665701	7.847335
Ti	5.766948	5.509074	7.450169
O	7.424215	6.737479	7.798392
O	7.767886	4.114571	7.830360
O	7.804381	4.334778	3.786314
O	7.704006	6.872957	3.077709
O	9.181570	6.471033	5.533997
Ti	9.089948	5.862500	3.726431

O	11.070181	5.480876	3.995386
Ti	8.915831	5.617377	7.169285
O	10.582979	5.763927	8.267274
Ti	11.506307	4.045223	7.848462
Ti	11.356362	3.996686	4.966793
O	11.408071	2.110137	8.172088
Ti	10.164370	0.526045	7.765768
O	10.878848	0.545785	5.989997
O	11.257072	2.566075	3.688293
Ti	10.071122	0.903464	4.337924
O	10.015520	3.898871	6.392346
O	9.597023	-1.290037	8.318339
O	8.492210	1.298121	7.622817
Ti	6.857330	2.277303	7.664587
O	12.667683	4.168684	6.363309
O	6.120395	2.396615	5.919116
O	8.505763	1.830323	4.392879
Ti	6.736814	2.665110	4.181746
Ti	1.466392	-0.836246	3.885427
O	1.242487	-0.983423	5.784126
Ti	1.411434	-1.213919	7.592433
Ti	-0.887012	-4.090335	3.583281
O	0.272426	-3.022218	7.798017
O	0.532594	-5.751063	7.838826
O	-1.083269	-4.522572	5.436640
Ti	-0.828244	-4.597435	7.263993
O	0.578051	-2.729483	3.672644
Ti	5.260509	-4.549309	8.004385
O	5.715186	-5.641444	6.454360
Ti	5.462087	-4.372558	5.125076
O	5.050841	-3.096139	6.547316
O	4.107974	-4.994393	3.836215
O	3.633008	-5.446281	8.386794
O	3.046929	-2.518671	8.042853
Ti	2.025367	-4.536494	8.019982
O	2.246856	-4.192471	6.025805
O	3.193537	-2.312620	3.793473
Ti	2.265119	-4.095178	4.221522
O	0.791332	-5.354649	3.634641
O	2.925050	0.487676	3.557279
O	2.801386	0.211755	7.960529
Ti	8.042593	-2.570150	8.100191
O	8.678185	-2.852782	6.342437
O	9.614886	-0.981031	3.999925
Ti	8.183973	-2.268936	4.631510
O	7.176953	-4.030519	4.368076
O	7.044094	-4.248772	8.744671
O	6.505962	-1.550286	8.106317
Ti	4.603859	-1.165310	7.614625
O	4.247669	-0.647638	5.823516
O	6.713737	-1.183287	4.549922
Ti	4.793312	-0.914926	4.040446

Ti	-5.010492	7.330063	10.123576
O	-5.619973	7.574570	11.878650
O	-6.645582	5.856669	14.184292
Ti	-5.161237	7.105735	13.651939
O	-4.419728	8.957795	13.913268
O	-4.052244	9.030508	9.516544
O	-3.456271	6.304919	10.010015
Ti	-1.650090	5.635468	10.215318
O	-1.415094	5.380913	12.047676
O	-3.637694	6.077136	13.755993
Ti	-1.750345	5.602715	13.885020
O	0.032067	4.221760	14.263851
O	0.095263	4.286408	9.823071
Ti	-2.360253	9.388039	10.428880
O	-2.852502	10.743381	11.780663
Ti	-2.653734	9.625498	13.254617
O	-2.243585	8.219133	11.980767
O	-0.849632	9.817705	14.114122
O	-0.680190	10.030917	9.879933
O	-0.199430	7.038846	9.792023
Ti	0.938770	9.036411	9.907749
O	0.921759	8.708666	11.862448
O	-0.297283	7.047438	14.240509
Ti	0.812357	8.759720	13.687612
O	2.439809	9.949983	14.193676
O	2.444931	7.364932	14.160550
O	2.659588	7.408893	9.712522
O	2.630508	10.036692	9.923154
O	4.172978	8.695436	12.254539
Ti	3.925556	8.764947	10.419593
Ti	4.053488	8.593738	14.163508
Ti	1.494690	5.554292	13.892219
O	1.392450	5.758978	12.018291
Ti	1.523392	5.720297	10.168700
Ti	-8.691110	0.919474	10.273201
Ti	-8.405195	0.813900	13.095278
O	-8.510159	2.794869	9.860630
Ti	-7.117954	4.244541	10.259639
O	-7.758323	4.285826	12.062721
O	-8.310698	2.300556	14.293999
Ti	-7.095296	3.999524	13.780648
O	-7.142073	0.875526	11.602955
O	-6.515146	6.043819	9.799154
O	-5.521236	3.326272	10.276154
Ti	-3.940410	2.264246	10.234987
O	-9.809297	0.771350	11.780457
O	-3.486608	2.205303	12.058834
O	-5.543805	3.043393	13.959953
Ti	-3.836341	2.075712	13.877841
Ti	-6.182744	-0.978702	10.676805
O	-7.869447	-0.832505	9.690114
O	-4.866604	0.381785	13.901301

O	-4.780044	-2.214645	14.690551
O	-6.392254	-1.741442	12.344901
Ti	-6.103382	-1.073173	14.137323
O	-8.102328	-0.659304	14.076589
O	-4.875117	0.437393	10.085794
O	-1.983781	-2.387759	9.823877
O	-1.582288	-2.368242	14.428314
O	-2.133730	0.799187	14.424439
Ti	-3.086658	-1.188318	14.319594
O	-3.025466	-0.963899	12.348726
O	-2.086373	0.836583	10.063094
Ti	-3.084723	-0.856768	10.529820
O	-4.696657	-2.109366	10.060923
O	-2.513887	3.709333	9.830388
O	-2.553258	3.639949	14.331945
O	0.888539	1.369445	14.247812
Ti	-0.710856	2.289746	14.013694
O	-0.814231	2.406395	12.144905
O	0.907006	1.513899	9.992640
Ti	-0.711559	2.422980	10.286051
O	3.150837	4.803318	9.841944
Ti	4.752239	3.885731	10.070906
O	4.862786	3.768493	11.938918
O	3.130508	4.659155	14.084883
Ti	4.749027	3.750451	13.797392
O	6.550940	2.466103	14.253622
O	6.593106	2.536490	9.750291
O	6.021434	8.562511	14.264018
O	5.620420	8.548333	9.651962
O	6.172430	5.378517	9.657958
Ti	7.122666	7.366560	9.761619
O	7.062200	7.139687	11.732516
O	6.124642	5.340188	14.018851
Ti	7.121486	7.034018	13.551639
O	8.731736	8.286552	14.023890
O	8.911974	5.740866	13.998379
O	8.910119	5.797819	10.178347
O	8.813080	8.397078	9.395951
O	10.424281	7.923735	11.745307
Ti	10.140521	7.257760	9.952137
O	12.135846	6.842604	10.014024
Ti	10.220788	7.158049	13.412984
O	11.911154	7.010237	14.396154
Ti	12.729881	5.258043	13.812686
Ti	12.438159	5.366688	10.991760
O	12.546816	3.382504	14.222632
Ti	11.155542	1.931951	13.825850
O	11.792938	1.897634	12.021181
O	12.348144	3.881868	9.790519
Ti	11.134631	2.181406	10.301017
O	11.177119	5.304704	12.486148
O	10.558427	0.130700	14.287021

O	9.556050	2.844725	13.809859
Ti	7.978918	3.912540	13.847272
O	13.845279	5.407452	12.303205
O	7.532267	3.971661	12.022655
O	9.582649	3.135399	10.117582
Ti	7.875696	4.103791	10.201958
Ti	2.543268	0.620617	10.190469
O	2.640435	0.416304	12.064957
Ti	2.513951	0.452030	13.915323
Ti	-0.014889	-2.421008	9.919554
O	1.379629	-1.237802	14.372549
O	1.407456	-3.864338	14.162460
O	-0.130411	-2.528771	11.828177
Ti	0.112919	-2.592754	13.663646
O	1.593550	-1.191532	9.923702
Ti	6.399818	-3.210684	13.661378
O	6.894421	-4.564549	12.308322
Ti	6.695783	-3.446597	10.834476
O	6.282700	-2.042099	12.108808
O	4.894727	-3.641035	9.970685
O	4.718117	-3.859711	14.203907
O	4.236640	-0.865490	14.292897
Ti	3.100374	-2.866022	14.175729
O	3.118144	-2.535701	12.221807
O	4.335849	-0.872159	9.845023
Ti	3.228845	-2.586264	10.396724
O	1.602918	-3.776259	9.888922
O	4.006356	1.954036	9.818909
O	3.941525	1.885602	14.260813
Ti	9.052551	-1.153712	13.961871
O	9.662858	-1.394665	12.206629
O	10.686748	0.322730	9.900433
Ti	9.201791	-0.926648	10.434049
O	8.460821	-2.778354	10.174977
O	8.096932	-2.853941	14.568442
O	7.496712	-0.129282	14.074224
Ti	5.689254	0.537207	13.868958
O	5.449915	0.792753	12.037105
O	7.675869	0.099072	10.331128
Ti	5.788603	0.573492	10.199937
Ti	-4.000425	8.749674	15.987165
O	-4.636035	9.037915	17.743933
O	-5.575033	7.163872	20.085630
Ti	-4.143097	8.450884	19.454353
O	-3.133730	10.211799	19.716222
O	-2.998191	10.426886	15.340779
O	-2.465459	7.727513	15.981276
Ti	-0.562553	7.340392	16.469585
O	-0.207010	6.822794	18.261124
O	-2.673297	7.364214	19.535517
Ti	-0.752666	7.093610	20.044283
O	1.115270	5.689711	20.529507

O	1.239439	5.962558	16.122413
Ti	-1.212975	10.725314	16.079470
O	-1.668162	11.818476	17.628078
Ti	-1.418342	10.548910	18.957802
O	-1.007980	9.271837	17.537511
O	-0.062916	11.170489	20.245584
O	0.413710	11.623883	15.697201
O	0.995612	8.692898	16.043506
Ti	2.019849	10.711326	16.064353
O	1.797354	10.362810	18.056952
O	0.849710	8.487456	20.291990
Ti	1.778749	10.270139	19.862514
O	3.252496	11.530767	20.447368
O	3.465256	8.904189	20.411007
O	3.770293	9.196635	16.285757
O	3.512075	11.927038	16.246109
O	5.127293	10.693499	18.645419
Ti	4.872287	10.771666	16.817821
Ti	4.930790	10.264908	20.499245
Ti	2.576203	7.010293	20.199833
O	2.801836	7.156622	18.301237
Ti	2.630248	7.387005	16.493879
Ti	-7.463061	2.134976	16.233137
Ti	-7.311678	2.182838	19.115546
O	-7.361670	4.069396	15.909383
Ti	-6.121080	5.653858	16.320394
O	-6.837976	5.636426	18.094458
O	-7.215470	3.614785	20.393991
Ti	-6.031139	5.278956	19.747275
O	-5.971633	2.280480	17.689919
O	-5.554569	7.470079	15.768317
O	-4.449506	4.881401	16.464309
Ti	-2.817528	3.897595	16.419647
O	-8.622408	2.010812	17.719387
O	-2.080074	3.779013	18.165423
O	-4.465659	4.352973	19.693424
Ti	-2.697885	3.515397	19.902912
Ti	-4.871683	0.559942	16.915568
O	-6.540581	0.416238	15.816930
O	-3.765195	1.845953	20.296536
O	-3.660955	-0.689690	21.009384
O	-5.139275	-0.292138	18.551507
Ti	-5.049308	0.316914	20.358924
O	-7.028819	0.698880	20.089157
O	-3.728285	2.062314	16.251004
O	-0.306233	-0.508865	16.352161
O	-0.605059	-1.007200	20.504567
O	-0.959128	2.245343	20.377671
Ti	-1.958684	0.246377	20.373269
O	-2.054037	0.645267	18.485523
O	-0.943866	2.509476	16.236905
Ti	-1.723051	0.664584	16.631273

O	-3.382227	-0.561732	16.283851
O	-1.398036	5.372993	16.063303
O	-1.442381	5.101995	20.388742
O	1.665841	2.488066	20.926081
Ti	0.398497	3.831891	20.156202
O	0.822150	3.871914	18.377240
O	2.015664	3.223467	16.067373
Ti	0.374936	4.102935	16.536335
O	4.408915	6.864486	15.654944
Ti	5.797580	5.637985	16.249396
O	5.553168	5.574828	18.112637
O	4.103817	6.066831	20.686542
Ti	5.813593	5.477319	19.975401
O	7.557927	4.252610	20.389266
O	7.616398	4.288383	15.952834
O	6.866812	10.113315	20.567494
O	6.375184	10.637360	15.785188
O	7.330266	7.018142	15.889367
Ti	7.636154	9.146447	15.660803
O	7.676207	8.894888	17.671584
O	6.757028	7.255073	20.247987
Ti	7.885151	8.681124	19.475650
O	9.347259	9.850845	20.396704
O	9.563142	7.460795	19.718876
O	10.258176	7.395817	16.429535
O	9.325977	10.168912	15.662506
O	10.927521	10.054338	18.275668
Ti	10.679673	9.353889	16.561485
O	12.471028	8.995378	16.041134
Ti	10.985206	8.854107	19.722958
O	13.002533	8.779360	20.072593
Ti	13.455015	6.944475	19.303900
Ti	12.511312	7.146096	16.527720
O	13.324746	5.113581	19.934019
Ti	12.212326	3.472023	19.636331
O	12.972468	3.200050	17.933880
O	13.155592	5.346060	15.817968
Ti	12.112394	3.633043	16.335839
O	11.695223	7.164408	18.453537
O	11.608322	1.695628	20.265597
O	10.508874	4.152607	19.417112
Ti	9.251107	5.464052	20.039708
O	14.194440	7.067467	17.647338
O	8.438077	5.668526	18.269509
O	10.521626	4.568096	16.335360
Ti	8.994210	5.807917	16.515699
Ti	3.583674	2.307880	16.454056
O	3.544910	2.264713	18.364896
Ti	3.502985	2.141847	20.207048
Ti	1.501970	-1.044102	16.622283
O	2.804653	0.266114	20.431137
O	2.756270	-2.326804	20.681328

O	1.239612	-1.346734	18.440869
Ti	1.331545	-1.150519	20.320754
O	2.803772	0.388895	16.294271
Ti	7.703351	-1.829108	19.501615
O	8.129889	-3.208461	18.201508
Ti	7.834807	-2.118760	16.689938
O	7.474002	-0.683711	17.972302
O	6.047819	-2.205189	15.911313
O	6.072122	-2.240981	20.253419
O	5.381675	0.852685	20.480383
Ti	4.399789	-1.266722	20.300362
O	4.430942	-0.998008	18.374212
O	5.463691	0.839001	16.118327
Ti	4.619832	-1.009879	16.529960
O	3.004359	-2.314869	16.177945
O	5.022738	3.717960	16.050118
O	4.925336	3.567030	20.482761
Ti	10.071598	0.468082	19.987490
O	10.577189	0.053961	18.236132
O	11.574074	1.760109	15.957836
Ti	10.129539	0.486902	16.444038
O	9.558864	-1.406737	16.040185
O	9.156535	-1.262763	20.636769
O	8.485116	1.458634	20.119746
Ti	6.761281	2.307252	20.046224
O	6.479326	2.597055	18.231203
O	8.609147	1.554511	16.377106
Ti	6.860401	2.349130	16.410599
Ti	-2.883305	9.896007	21.917793
O	-2.875277	9.328408	23.764632
O	-4.418578	8.761736	26.280410
Ti	-2.797136	9.522848	25.637583
O	-2.419816	11.374746	25.740363
O	-2.404139	11.727315	21.819581
O	-1.330672	8.916416	21.281740
Ti	0.347202	8.781804	22.533431
O	0.440770	8.227017	24.434470
O	-1.290503	8.936636	26.602543
Ti	0.432367	8.218742	26.263106
O	2.190165	7.192456	27.008402
O	2.120252	7.438222	22.405214
Ti	-0.565319	12.134043	22.167126
O	-0.913006	13.189368	23.751491
Ti	-0.755715	11.839953	25.016267
O	-0.280813	10.577018	23.515808
O	0.549407	12.052308	26.297057
O	1.082278	13.029345	21.795915
O	1.900654	10.121404	22.267878
Ti	2.709058	12.260697	22.300279
O	2.532095	11.820603	24.229960
O	1.834045	9.640595	26.596758
Ti	2.368002	11.470123	26.027364

O	3.654010	12.500204	27.049480
O	4.292042	10.227168	25.850431
O	4.515368	10.799074	22.655256
O	4.153855	13.542444	22.417812
O	5.764461	12.829450	24.898180
Ti	5.528472	12.460821	23.066484
Ti	5.247855	11.780800	26.332549
Ti	3.573240	8.378144	26.244969
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Ti	3.537858	8.880266	22.742346
Ti	-6.350974	3.497019	22.374590
Ti	-5.786102	3.827765	25.201603
O	-6.141303	5.394484	21.897833
Ti	-5.012507	7.091827	22.157265
O	-5.650691	7.503876	23.869788
O	-5.748606	5.528007	25.928950
Ti	-4.726039	7.092107	25.454296
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Ti	-1.758326	5.267948	22.484445
O	-7.285965	3.480080	24.010189
O	-0.678790	5.328226	24.182064
O	-2.980731	6.434578	25.561795
Ti	-1.427273	5.316031	25.873849
Ti	-3.629722	1.945007	22.652092
O	-5.573961	1.720620	21.965969
O	-2.642426	3.811808	25.904805
O	-1.784543	1.332295	26.729123
O	-3.609191	1.139919	24.377366
Ti	-3.319098	2.077503	25.949903
O	-5.170576	2.527916	26.379394
O	-2.783735	3.635707	22.142366
O	1.034519	0.139140	22.156302
O	1.204216	0.918255	26.997387
O	0.145638	3.855595	26.652905
Ti	-0.087865	2.020530	26.155976
O	0.096829	1.963817	24.308613
O	0.017560	3.899249	22.356536
Ti	0.011129	1.838728	22.359610
O	-1.858617	1.071195	22.353887
O	-0.428486	6.829771	22.212712
O	-0.232101	6.410914	26.965161
O	3.085855	4.467992	27.347479
Ti	1.614241	5.306943	26.574753
O	1.874859	5.401107	24.770829
O	2.788805	4.476521	22.410521
Ti	1.277981	5.554370	22.914501
O	5.379316	8.573344	22.067745
Ti	6.780306	7.310962	22.508062
O	6.535148	7.036500	24.421686
O	5.175233	7.840266	27.074354

Ti	6.588664	6.894570	26.272113
O	8.347461	5.747012	26.843889
O	8.514261	6.076508	21.976111
O	6.852471	11.021072	26.929940
O	7.034366	12.202467	22.107532
O	8.411943	8.567096	22.574582
Ti	8.307810	10.656885	22.045211
O	8.078872	10.505721	24.101611
O	8.155613	8.227581	26.297127
Ti	8.159362	10.129422	25.882208
O	9.850206	10.626582	26.673842
O	10.262441	8.479683	24.725056
O	11.199330	9.024911	21.995510
O	9.950708	11.772489	22.059539
O	11.629997	11.245825	24.386733
Ti	11.490114	10.958773	22.546119
O	13.261274	10.687852	22.043447
Ti	11.168407	9.925869	25.592779
O	12.780179	9.126628	26.126174
Ti	13.545819	7.893010	24.928897
Ti	13.400475	8.726303	22.098515
O	14.109396	6.393470	25.887066
Ti	12.676514	5.113715	25.762318
O	12.724779	4.970902	23.921002
O	14.015138	6.934891	21.426288
Ti	12.674201	5.528156	22.040970
O	12.254966	7.446090	23.469130
O	12.394500	3.443651	26.565116
O	11.298892	6.216441	26.506685
Ti	9.655991	6.735029	25.792278
O	14.588880	8.738816	23.664368
O	9.630333	5.917227	24.145143
O	10.973974	6.128577	21.413833
Ti	10.030771	7.380930	22.810452
Ti	4.570643	3.968142	22.633651
O	4.704288	4.104704	24.535349
Ti	4.593677	3.851775	26.361534
Ti	2.891225	0.263377	22.799414
O	3.801716	2.052278	26.244505
O	4.405254	-0.396274	27.045939
O	2.534612	-0.209490	24.582474
Ti	2.875185	0.423621	26.302789
O	3.865142	1.932975	22.592388
Ti	9.010868	-0.099846	25.589843
O	9.323527	-1.550149	24.366122
Ti	9.045044	-0.499051	22.806632
O	8.749826	1.013831	24.092678
O	7.249656	-0.527980	22.245233
O	7.473283	-0.121665	26.640950
O	6.348712	2.557929	26.945231
Ti	5.800058	0.761616	26.347931
O	5.652736	0.769734	24.499183

O	6.555380	2.576171	22.270442
Ti	5.870083	0.694892	22.602344
O	4.429343	-0.821655	22.397593
O	6.071444	5.359591	22.329411
O	5.973460	5.125585	26.924924
Ti	11.000110	2.283332	25.969513
O	11.502372	2.123946	24.179289
O	12.581566	3.537369	21.766969
Ti	11.132985	2.296454	22.330822
O	10.643655	0.326643	22.073617
O	10.561355	0.498190	26.471882
O	9.423855	3.132439	26.555133
Ti	7.703321	3.886929	26.323294
O	7.541899	3.931315	24.493400
O	9.593121	3.339360	22.191205
Ti	7.889917	4.136264	22.625063

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Ti	-6.803235	3.602911	-1.746169
O	-6.952306	3.528063	0.100938
O	-8.700795	2.556260	2.424607
Ti	-7.075115	3.580260	2.000709
O	-6.505354	5.518409	2.026110
O	-6.327392	5.449927	-1.888012
O	-5.320950	2.920190	-2.642368
Ti	-3.656823	2.240196	-2.051430
O	-3.752288	2.295269	-0.204030
O	-5.649354	2.465305	2.473756
Ti	-3.816011	2.059047	1.689257
O	-2.056720	0.920301	1.949104
O	-1.903305	1.105166	-2.544259
Ti	-4.848290	6.273000	-1.112456
O	-5.507699	7.703412	0.024340
Ti	-5.170800	6.829086	1.654190
O	-4.113013	5.477214	0.486900
O	-3.395164	7.044959	2.458875
O	-3.424098	6.400274	-2.274468
O	-2.333853	3.669933	-2.461462
Ti	-1.739900	5.485086	-1.977443
O	-1.499983	5.591320	-0.144173
O	-2.971537	3.789420	2.097066
Ti	-2.215688	5.589304	1.703832
O	-0.716301	7.141606	1.799322
O	-0.082035	4.232639	1.647462
O	0.218913	4.210189	-1.905022
O	-0.424163	6.626059	-2.825327
O	1.396271	6.528256	-0.370142
Ti	1.123578	5.863110	-2.058808
Ti	0.725691	5.942665	1.338828
Ti	-0.356687	2.162235	1.830738
O	-0.675411	2.062216	-0.092435
Ti	-0.551479	2.394315	-1.879819

Ti	-9.491125	-1.910630	-0.724112
Ti	-9.352055	-2.662691	2.123734
O	-10.047158	-0.428432	-1.725356
Ti	-8.650834	0.883941	-1.553096
O	-8.843393	1.076255	0.277866
O	-10.058853	-0.889385	2.759935
Ti	-8.770892	0.556698	2.156652
O	-8.234728	-1.395573	0.721229
O	-8.311492	2.582338	-2.300375
O	-7.246957	-0.184408	-2.302725
Ti	-5.597675	-0.652815	-1.560522
O	-10.528901	-2.753463	0.544878
O	-5.670743	0.203507	0.060201
O	-7.054524	0.000194	2.763592
Ti	-6.008776	-1.223956	1.429167
Ti	-7.037973	-3.871319	-1.312481
O	-8.671031	-3.144867	-1.885521
O	-7.141708	-2.886692	2.248758
O	-5.811976	-5.592702	2.278751
O	-7.469861	-5.178956	-0.080724
Ti	-7.370881	-4.841602	1.755490
O	-9.155778	-4.616676	2.228295
O	-6.169938	-2.386623	-0.473344
O	-2.674649	-4.821168	-2.620595
O	-2.891265	-5.909612	2.259300
O	-4.333142	-2.357201	1.671023
Ti	-4.212104	-4.418354	2.259524
O	-3.953214	-4.319481	0.198915
O	-4.035925	-2.089890	-2.036699
Ti	-4.027151	-3.981419	-1.589144
O	-5.695878	-4.543654	-2.383912
O	-4.270213	0.366330	-2.572493
O	-4.500072	0.098546	2.252035
O	-1.271144	-2.193688	2.240802
Ti	-2.759492	-1.049811	1.764519
O	-2.471493	-0.816698	-0.143672
O	-1.037143	-1.591686	-2.775064
Ti	-2.500925	-0.716000	-1.991137
O	0.980624	1.797886	-2.847286
Ti	2.491741	0.984199	-2.136121
O	2.359553	0.919011	-0.323675
O	1.522105	2.070908	1.871205
Ti	2.992794	0.873177	1.539987
O	4.630177	-0.384158	2.345837
O	4.368065	-0.062736	-2.478265
O	2.675212	6.152235	1.962675
O	2.771562	5.363683	-2.815519
O	3.948247	2.440973	-2.294732
Ti	4.000739	4.287870	-1.873397
O	3.642034	4.291865	-0.047239
O	4.228981	2.539809	2.243775
Ti	3.677421	4.455201	1.881029

O	5.492652	5.099033	2.191233
O	7.007335	2.932627	2.742151
O	6.735148	2.554510	-1.481376
O	5.713980	5.026931	-2.319267
O	7.378183	5.327961	0.103692
Ti	7.242674	4.357907	-1.489221
O	9.099358	4.033215	-1.927578
Ti	7.410754	4.662333	1.869932
O	9.412578	4.539273	2.632470
Ti	10.169861	2.830111	2.031669
Ti	9.584804	2.634019	-0.780138
O	10.109467	0.971440	2.499759
Ti	9.090098	-0.769425	2.232952
O	9.752820	-1.125923	0.513185
O	9.613348	0.934021	-1.531489
Ti	8.782647	-0.723015	-1.037437
O	8.481407	2.881696	0.795264
O	8.659190	-2.602877	2.869306
O	7.465325	0.106198	1.975748
Ti	5.965777	1.252915	2.179430
O	11.095287	2.908044	0.394269
O	4.931747	1.179417	0.399144
O	6.982979	-0.205603	-1.085580
Ti	5.533461	1.046836	-1.353171
Ti	0.554242	-2.066876	-1.879315
O	0.477709	-1.619931	-0.077797
Ti	0.605751	-2.435802	1.612254
Ti	-1.058998	-5.497879	-1.959207
O	-0.383231	-4.385954	1.696421
O	-0.009858	-7.137478	2.014803
O	-1.572466	-6.516810	-0.509248
Ti	-1.366502	-6.072825	1.313914
O	-0.154027	-3.909631	-1.477903
Ti	4.640923	-5.744054	2.283881
O	5.006452	-6.799143	0.699812
Ti	4.894103	-5.436951	-0.546445
O	4.406211	-4.162164	0.940714
O	3.627413	-5.689139	-1.863495
O	2.996867	-6.651530	2.642883
O	2.213723	-3.649298	2.133263
Ti	1.404807	-5.830273	2.139065
O	1.626783	-5.423896	0.203655
O	2.319870	-3.298628	-2.145416
Ti	1.808118	-5.134409	-1.596778
O	0.559138	-6.197325	-2.631624
O	1.948662	-0.884381	-2.629743
O	2.030524	-0.973102	1.969983
Ti	6.959697	-3.535078	2.532721
O	6.913574	-2.890174	0.712095
O	8.535920	-2.411396	-1.841618
Ti	6.892284	-3.111642	-1.171204
O	6.580380	-4.976284	-1.223810

O	6.486416	-5.361783	2.637039
O	5.376735	-2.573002	3.270728
Ti	3.799276	-2.320263	1.918538
O	3.747979	-1.798980	0.016389
O	5.392903	-2.630105	-2.211391
Ti	3.711287	-1.871233	-1.819682
Ti	-6.262221	5.664210	4.279360
O	-6.854769	6.109131	5.972175
O	-7.664396	4.429174	8.235089
Ti	-6.205202	5.693345	7.713962
O	-5.547275	7.550553	7.999330
O	-5.578217	7.469168	3.590105
O	-4.660060	4.724150	4.316147
Ti	-2.857933	3.982454	4.332856
O	-2.445942	3.656710	6.125300
O	-4.734366	4.578502	7.744826
Ti	-2.901763	3.981713	7.929236
O	-1.025458	2.680802	8.360846
O	-0.987936	2.762328	3.819942
Ti	-3.738546	7.984495	4.408048
O	-4.379529	9.356367	5.648460
Ti	-3.953504	8.373238	7.183372
O	-3.485979	6.897564	5.981423
O	-2.046464	8.780494	7.656873
O	-2.077422	8.722434	3.879938
O	-1.536527	5.355594	3.745274
Ti	-0.499611	7.662747	3.815226
O	-0.622521	7.061563	5.638388
O	-1.972170	5.702835	8.312423
Ti	-0.867760	7.118323	7.469235
O	0.881149	8.347540	7.753757
O	0.658656	5.628156	7.623786
O	0.898743	5.967449	3.587442
O	1.240571	8.604445	3.657754
O	2.551877	6.651574	5.593354
Ti	2.537811	7.260000	3.789373
Ti	2.143758	6.910563	7.393848
Ti	0.715804	3.666790	8.014949
O	0.554811	3.616713	6.045574
Ti	0.434300	4.143217	4.272421
Ti	-9.501883	-0.825770	4.892655
Ti	-8.458313	-0.918372	7.646177
O	-9.501942	1.006357	4.227261
Ti	-8.424280	2.650696	4.602440
O	-9.170264	3.002194	6.279839
O	-9.231977	0.854389	8.315192
Ti	-8.178742	2.578685	7.827924
O	-7.706171	-0.920133	5.695669
O	-7.751998	4.408702	3.903443
O	-6.758496	1.950936	4.946879
Ti	-5.356172	0.861719	4.125211
O	-10.190468	-0.953383	6.559711

O	-4.426813	0.661742	5.894956
O	-6.558896	1.671749	7.866787
Ti	-4.993364	0.515659	7.627595
Ti	-6.937266	-2.600654	4.509697
O	-8.960806	-2.644755	4.151684
O	-6.210933	-1.113348	7.692194
O	-5.246576	-3.882240	8.610138
O	-6.835835	-3.788740	5.963977
Ti	-6.584245	-3.080625	7.678930
O	-8.392665	-2.747477	8.172995
O	-5.524633	-1.159556	4.456078
O	-2.802713	-3.797434	3.731981
O	-2.293190	-4.199798	8.501979
O	-3.350018	-0.592094	8.416209
Ti	-3.611743	-2.765002	8.619631
O	-3.679138	-2.512486	6.612583
O	-2.620554	-0.982533	4.046621
Ti	-3.851461	-2.348590	4.798436
O	-5.268394	-3.563147	3.869384
O	-3.545247	1.983601	3.955206
O	-3.679539	2.002783	8.433796
O	-0.370317	-0.295218	8.738946
Ti	-1.834838	0.822504	8.092125
O	-1.516517	0.725347	6.217178
O	-0.042119	0.507991	3.418340
Ti	-1.842249	0.831829	4.369068
O	2.351366	3.881764	3.524562
Ti	3.667047	2.645084	4.455071
O	3.017776	2.838053	6.197207
O	2.657866	3.865372	8.665728
Ti	4.055526	2.500611	7.785089
O	5.652164	1.016884	8.473001
O	5.552063	1.349961	4.226531
O	3.982618	7.200204	7.858200
O	4.475780	7.363423	3.732175
O	5.122380	4.125554	4.463909
Ti	5.663075	6.041329	4.284692
O	5.841014	6.095455	6.142925
O	5.505796	4.017963	8.354676
Ti	5.640926	6.100345	8.100148
O	7.692450	6.583756	7.997976
O	8.477651	3.957600	8.437780
O	8.113332	4.431686	5.443259
O	7.516875	6.231434	3.350545
O	9.475041	6.784111	5.799314
Ti	9.142250	5.712423	4.317525
O	11.163072	5.432612	4.259747
Ti	8.992990	5.507725	7.177846
O	10.688334	5.671321	8.517310
Ti	11.709760	4.024639	8.120391
Ti	11.629506	3.984854	5.217806
O	11.448772	2.112906	8.525766

Ti	10.235241	0.505832	8.076161
O	11.009102	0.571041	6.325717
O	11.334582	2.589344	3.956327
Ti	10.147471	1.018362	4.712523
O	10.295647	3.828051	6.601228
O	9.707977	-1.278038	8.774708
O	8.539984	1.199660	7.799080
Ti	7.146428	2.462979	8.094887
O	12.910039	4.151826	6.646012
O	5.903194	2.579259	6.510326
O	8.550693	1.905682	4.893034
Ti	6.854100	2.887448	4.855561
Ti	1.440620	-0.465583	4.140818
O	1.173676	-0.453611	6.023008
Ti	1.401185	-0.709497	7.847504
Ti	-0.869015	-3.780218	3.833821
O	0.331876	-2.569360	8.052071
O	0.624642	-5.330118	8.121577
O	-1.015080	-4.030878	5.715359
Ti	-0.739668	-4.163114	7.546323
O	0.595213	-2.362050	3.920760
Ti	5.404202	-3.884851	8.223010
O	5.476860	-5.107000	6.653992
Ti	5.394357	-3.912904	5.294034
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O	4.013382	-4.685948	4.060076
O	3.744651	-4.715800	8.798368
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Ti	2.065188	-4.072728	8.306495
O	2.249357	-3.758900	6.317508
O	3.178087	-1.912074	4.163137
Ti	2.246095	-3.737132	4.513211
O	0.799299	-5.035756	3.944500
O	2.932702	0.830168	3.903395
O	2.805038	0.781154	8.160680
Ti	8.088030	-2.544706	8.436882
O	8.847506	-2.447332	6.663918
O	9.723189	-0.839081	4.268275
Ti	8.243374	-2.047110	4.978364
O	7.248998	-3.779594	4.687235
O	7.272954	-4.242315	8.510013
O	6.372441	-1.670267	8.385591
Ti	4.622275	-0.736752	7.877793
O	4.284225	0.126788	6.210202
O	6.770451	-0.935341	4.893767
Ti	4.826744	-0.640884	4.524462
Ti	-4.973793	7.395408	10.100356
O	-5.794398	7.669075	11.780649
O	-6.845763	5.909819	14.130831
Ti	-5.272529	6.999948	13.468079
O	-4.286708	8.725711	13.692382
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O	-3.521245	6.325187	10.379849
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O	-1.291753	4.388463	12.057749
O	-3.861901	5.827412	13.518714
Ti	-1.909561	5.402835	13.692555
O	-0.336632	3.914112	14.304646
O	0.203737	4.636402	9.981066
Ti	-1.934682	9.254284	9.680925
O	-2.661110	9.841146	11.360292
Ti	-2.441608	8.913571	12.925517
O	-1.927556	7.104270	12.355039
O	-0.635346	9.587756	13.464509
O	-0.312606	10.191059	9.690559
O	-0.851247	7.534736	9.791462
Ti	1.048768	8.795136	9.787285
O	0.974876	8.082929	11.627625
O	-0.145052	6.521144	14.080257
Ti	0.817547	8.216732	13.433488
O	2.424831	9.500957	13.776927
O	2.407786	6.803438	14.022318
O	2.050758	6.794692	9.696693
O	2.874621	9.397191	9.797559
O	4.242512	7.727029	11.925418
Ti	3.963298	7.852418	10.018501
Ti	3.859671	8.153744	13.707864
Ti	1.483378	4.908334	13.984146
O	1.622421	4.478633	12.181138
Ti	2.352537	4.949739	10.429895
Ti	-8.818759	0.942747	10.300910
Ti	-8.724968	0.879077	13.130382
O	-8.520143	2.794658	9.950691
Ti	-7.153445	4.302218	10.334928
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O	-8.580615	2.435280	14.239791
Ti	-7.321695	4.064708	13.645346
O	-7.361760	0.926262	11.757917
O	-6.507082	6.060758	9.814998
O	-5.526893	3.418920	10.579520
Ti	-3.914866	2.396404	10.578712
O	-10.038599	0.796100	11.739383
O	-2.956541	2.130449	12.324046
O	-5.755296	3.123183	13.401240
Ti	-4.295154	1.991356	13.927823
Ti	-6.234362	-0.834505	10.929454
O	-7.817642	-0.707327	9.745045
O	-5.297209	0.355445	13.727775
O	-5.265569	-2.221533	14.875380
O	-6.746351	-1.774734	12.453571
Ti	-6.540437	-1.051486	14.237758
O	-8.518680	-0.562131	14.188367
O	-4.891699	0.651286	10.558427
O	-1.997585	-2.144088	9.973881

O	-2.096718	-2.488937	14.389150
O	-2.574116	0.610291	14.404472
Ti	-3.559057	-1.350841	14.412409
O	-3.347495	-0.989657	12.483711
O	-1.981141	1.038815	10.364400
Ti	-3.115971	-0.631426	10.720071
O	-4.772244	-1.881043	10.163587
O	-2.539532	3.811610	10.063064
O	-2.935818	3.573028	14.279830
O	-0.001399	0.916823	15.047462
Ti	-1.318894	2.149933	13.838465
O	0.040885	1.856821	12.447679
O	1.017480	2.236446	9.738734
Ti	-0.705562	2.770984	10.763879
O	4.285492	5.671510	9.843789
Ti	5.414849	4.043718	10.603350
O	4.034857	4.555267	11.987551
O	3.425087	4.681330	14.885834
Ti	4.992992	3.886936	13.589221
O	6.717080	2.518921	14.216270
O	7.057033	2.582852	10.144300
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O	5.833056	8.121809	9.347407
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Ti	7.513178	7.506140	10.014229
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O	6.480435	5.390134	13.900916
Ti	6.779114	7.412469	13.734519
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O	9.398684	5.512428	14.095852
O	9.339815	6.005846	11.035231
O	9.185900	8.319223	9.395651
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Ti	10.568373	7.238929	9.982337
O	12.550385	6.708936	9.933826
Ti	10.157390	7.050300	12.947638
O	11.829393	7.216834	14.288388
Ti	12.771434	5.566531	13.953059
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O	12.378112	3.682143	14.334199
Ti	11.295167	1.977610	13.912840
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Ti	11.472027	2.164255	10.659243
O	11.422234	5.332899	12.374190
O	10.507172	0.276821	14.510370
O	9.658509	2.761638	13.480496
Ti	8.160777	3.912348	13.737294
O	14.062335	5.598413	12.543485
O	7.111613	4.128952	12.023645
O	9.969942	3.228391	10.853534
Ti	8.430650	4.279778	10.474394

Ti	2.518640	1.138054	10.330199
O	2.550878	1.069276	12.167813
Ti	1.767503	1.310575	13.910480
Ti	-0.051973	-1.936378	10.263380
O	1.486496	-0.746286	14.136619
O	1.089409	-3.436791	14.317900
O	-0.281669	-1.780302	12.125254
Ti	-0.208465	-2.113701	14.018729
O	1.602208	-0.691630	10.163263
Ti	5.780026	-2.563405	14.634524
O	6.478593	-3.008039	12.876232
Ti	6.405566	-2.097514	11.289224
O	5.671851	-0.434166	12.185717
O	5.037199	-2.950250	10.182021
O	4.288764	-3.685926	14.720638
O	4.507826	-0.916757	14.462766
Ti	2.788316	-2.502537	14.336706
O	3.149743	-2.283381	12.403598
O	4.230601	-0.373962	10.078735
Ti	3.156617	-2.150767	10.600685
O	1.516865	-3.298061	10.183812
O	4.142331	2.416779	10.015404
O	3.778621	2.124464	14.040425
Ti	8.834903	-0.892685	14.363266
O	9.509826	-1.247772	12.593214
O	10.675806	0.423429	10.266908
Ti	9.217794	-0.833620	10.803638
O	8.203054	-2.588157	10.515632
O	7.686157	-2.323439	15.196368
O	7.314051	0.167797	14.316476
Ti	5.464376	0.828456	13.784263
O	5.394044	2.262963	12.146762
O	7.528403	-0.013310	10.666450
Ti	5.747440	0.973321	10.638991
Ti	-3.784816	8.614374	15.741137
O	-4.453379	8.975479	17.513438
O	-5.626121	7.297675	19.839240
Ti	-4.166637	8.550723	19.302423
O	-3.142672	10.302169	19.599091
O	-2.633311	10.040595	14.900398
O	-2.265109	7.554274	15.792849
Ti	-0.414916	6.892016	16.321365
O	-0.343285	5.462645	17.958531
O	-2.480258	7.731146	19.437075
Ti	-0.698249	6.752092	19.466926
O	0.903720	5.307452	20.095934
O	1.270662	5.596807	16.064840
Ti	-0.724499	10.289473	15.452385
O	-1.435082	10.748363	17.205266
Ti	-1.362855	9.830852	18.785134
O	-0.622090	8.161313	17.918363
O	-0.003456	10.648250	19.919544

O	0.767948	11.408640	15.376198
O	0.536785	8.640390	15.639028
Ti	2.263772	10.221048	15.770677
O	1.893779	10.006674	17.703137
O	0.821526	8.089853	20.037963
Ti	1.886763	9.865917	19.506723
O	3.529696	11.012032	19.920889
O	3.445415	8.412160	19.943715
O	3.561825	8.464606	15.968713
O	3.961586	11.155520	15.789989
O	5.331871	9.495251	17.978371
Ti	5.259859	9.831405	16.084916
Ti	5.101549	9.655472	19.839118
Ti	2.531227	6.578449	19.775773
O	2.495143	6.654124	17.937663
Ti	3.283045	6.407132	16.197480
Ti	-7.719491	2.153025	16.154609
Ti	-7.801717	2.365751	19.020704
O	-7.327904	4.037933	15.773004
Ti	-6.244569	5.742913	16.194380
O	-7.231658	5.991205	17.825184
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Ti	-6.422076	5.556083	19.447011
O	-6.371707	2.387937	17.732440
O	-5.456089	7.444180	15.597868
O	-4.607838	4.958913	16.625732
Ti	-3.110761	3.807856	16.366578
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Ti	-3.378326	3.443624	19.627686
Ti	-5.104967	0.670589	17.161671
O	-6.777125	0.502828	15.819679
O	-4.290676	1.718202	19.070921
O	-4.133488	-0.594830	20.712852
O	-5.884347	-0.435227	18.487573
Ti	-5.516359	0.484280	20.125659
O	-7.499005	1.010607	20.172048
O	-4.348635	2.208234	16.010455
O	-0.581690	-1.305665	15.995087
O	-0.782070	-0.403785	20.756070
O	-1.749891	2.190801	20.137684
Ti	-2.459472	0.216190	20.093116
O	-2.152845	0.150469	18.234405
O	-1.430843	2.331048	16.202045
Ti	-1.728341	0.307486	16.371088
O	-3.716121	-0.424443	16.319699
O	-1.667928	5.203207	15.888482
O	-2.006241	5.138090	19.959876
O	0.763683	2.047004	20.259180
Ti	-0.362627	3.679678	19.503524
O	1.016484	3.169549	18.118179

O	1.623548	3.037783	15.221601
Ti	0.055528	3.834387	16.517542
O	5.051274	6.802522	15.058450
Ti	6.369029	5.569622	16.266848
O	5.006670	5.863054	17.656076
O	4.035451	5.484412	20.364770
Ti	5.756169	4.947544	19.341265
O	7.591079	3.905778	20.042916
O	7.985979	4.147391	15.824175
O	7.046931	9.865033	20.131231
O	7.147903	10.207620	15.715928
O	7.624374	7.109236	15.701360
Ti	8.611658	9.070397	15.694508
O	8.397091	8.710406	17.623181
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Ti	8.165659	8.351048	19.386919
O	9.821784	9.599481	19.945286
O	9.940859	7.067214	19.544290
O	10.346509	7.364994	16.377844
O	10.318363	9.942380	15.233082
O	11.796389	9.494490	17.655433
Ti	11.591459	8.771292	15.871329
O	13.569820	8.282123	15.920278
Ti	11.283298	8.553561	19.178231
O	12.865920	8.426285	20.363521
Ti	13.868546	6.777838	19.807831
Ti	13.777097	6.839801	16.978113
O	13.566275	4.926611	20.157122
Ti	12.202720	3.416269	19.772855
O	13.125460	3.234273	18.102781
O	13.633156	5.283802	15.867486
Ti	12.372777	3.655237	16.462527
O	12.412148	6.793521	18.349001
O	11.556796	1.657275	20.293521
O	10.576400	4.298869	19.527024
Ti	8.964431	5.321959	19.528273
O	15.089180	6.924133	18.370075
O	8.004533	5.587373	17.782223
O	10.806819	4.598585	16.705730
Ti	9.344534	5.727645	16.179636
Ti	3.566184	2.809676	16.122755
O	3.428150	3.239819	17.925684
Ti	2.697647	2.768066	19.677353
Ti	1.189769	-0.437028	16.397081
O	2.999089	0.920610	20.405991
O	2.174636	-1.679648	20.303369
O	0.806431	-0.005244	18.177593
Ti	1.087222	-0.133581	20.084521
O	2.641977	0.914099	16.081717
Ti	6.987836	-1.532064	20.426913
O	7.710519	-2.116899	18.743965
Ti	7.490387	-1.191155	17.177165

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O	5.688824	-1.865145	16.628942
O	5.366288	-2.471960	20.416482
O	5.897446	0.184030	20.316203
Ti	4.001732	-1.080028	20.315670
O	4.077965	-0.368262	18.475333
O	5.193742	1.199324	16.026744
Ti	4.232686	-0.499073	16.669486
O	2.624990	-1.783923	16.329706
O	5.385937	3.806179	15.801007
O	4.846301	3.082007	20.125233
Ti	10.023182	0.325032	20.009884
O	10.840670	0.053115	18.326929
O	11.894677	1.811126	15.977795
Ti	10.320819	0.720175	16.638547
O	9.335250	-1.006390	16.412266
O	8.987404	-1.205741	20.849540
O	8.569098	1.393036	19.733281
Ti	6.652381	1.944161	19.567038
O	6.342377	3.331784	18.047881
O	8.911067	1.893145	16.588078
Ti	6.959126	2.316695	16.412588
Ti	-3.035712	10.257885	21.679509
O	-3.807315	10.171851	23.447744
O	-4.676134	8.564660	25.842739
Ti	-3.198913	9.774521	25.132913
O	-2.204317	11.506073	25.427483
O	-2.213873	11.950708	21.607850
O	-1.310200	9.395620	21.768295
Ti	0.435351	8.436236	22.244109
O	0.759834	7.504519	23.887083
O	-1.722578	8.664713	25.206733
Ti	0.227907	8.368533	25.547639
O	2.122139	6.896586	26.193592
O	2.256474	6.936443	21.946050
Ti	-0.350349	11.561461	21.896511
O	-0.411589	12.780394	23.459949
Ti	-0.339898	11.607770	24.838702
O	0.075837	10.137752	23.631702
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O	1.296807	12.403478	21.301961
O	2.011632	9.718678	21.853139
Ti	2.985554	11.787169	21.798727
O	2.804661	11.484940	23.787774
O	1.871278	9.636229	25.930843
Ti	2.806481	11.464401	25.592843
O	4.252457	12.764168	26.162197
O	4.456678	10.089724	26.184982
O	4.717796	10.291304	22.052982
O	4.421509	13.050564	21.976704
O	6.062237	11.762891	24.389489
Ti	5.788714	11.888110	22.558514

Ti	5.920125	11.508675	26.271745
Ti	3.614038	8.191972	25.966707
O	3.868296	8.182365	24.081441
Ti	3.654271	8.431504	22.255775
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Ti	-5.101026	6.708375	25.398331
O	-5.246415	3.894749	23.506000
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Ti	-2.096752	5.253923	22.009781
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O	-0.857028	5.134368	23.596150
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Ti	-1.809457	4.836143	25.252319
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O	1.063785	0.516486	22.245794
O	0.568634	0.358502	26.373436
O	-0.072777	3.599432	25.644970
Ti	-0.615493	1.684634	25.822256
O	-0.790745	1.626236	23.964583
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Ti	-0.589000	1.623949	22.006731
O	-2.638924	1.140743	22.109896
O	-0.611333	6.705484	21.631563
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Ti	1.376674	5.087294	25.638456
O	2.042243	4.851221	23.904795
O	2.391848	3.858526	21.432714
Ti	0.994988	5.226571	22.330737
O	5.423835	8.017119	21.364069
Ti	6.884660	6.894547	22.013290
O	6.563464	6.994284	23.887358
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Ti	6.895279	6.886199	25.735191
O	8.595253	5.734836	26.153058
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Ti	8.659049	10.483490	21.487349
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Ti	8.900906	10.067351	25.307495
O	10.317803	11.283640	26.236549
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O	14.010462	10.369531	25.955018
Ti	14.553332	8.550529	25.215200
Ti	13.507449	8.639095	22.462335
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Ti	13.476182	5.075036	25.507283
O	14.219046	4.719787	23.828981
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Ti	13.227062	5.142285	22.280598
O	12.757102	8.642237	24.412772
O	12.802418	3.319183	26.205473
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Ti	10.405526	6.858648	25.985619
O	15.240204	8.676434	23.547004
O	9.471589	7.057924	24.217265
O	11.606418	6.046439	22.244802
Ti	10.041246	7.203412	22.485051
Ti	4.330842	4.052490	22.092523
O	4.504367	4.104562	24.059797
Ti	4.610192	3.579762	25.833701
Ti	2.901720	0.804828	22.711755
O	4.145479	1.754651	26.514993
O	3.805518	-0.881413	26.463928
O	2.495122	1.060880	24.512331
Ti	2.505818	0.459870	26.318640
O	4.383860	2.090045	22.483177
Ti	8.787133	-0.256987	25.707286
O	9.427635	-1.628584	24.468021
Ti	9.002037	-0.646403	22.931365
O	8.532302	0.828491	24.133833
O	7.097322	-1.057753	22.452264
O	7.124676	-0.997059	26.234231
O	6.581017	2.366217	26.369852
Ti	5.545978	0.059268	26.293452
O	5.666779	0.652608	24.468755
O	7.017749	2.015741	21.797902
Ti	5.911646	0.599611	22.636833
O	4.165587	-0.630950	22.350374
O	6.075150	5.036916	21.743277
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Ti	11.312561	2.061778	25.833202

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Ti	11.255082	2.028035	22.394884
O	10.596693	0.170905	22.113863
O	10.629220	0.257179	26.521963
O	9.707430	2.997140	25.799772
Ti	7.903891	3.735592	25.778221
O	7.499890	4.064409	23.984134
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Ti	7.949251	3.736356	22.178819
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O	-1.867922	10.616367	29.399640
O	-3.484912	10.137284	31.955006
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Ti	1.251311	10.045555	28.184551
O	1.300668	9.523478	30.085759
O	-0.340324	10.356645	32.318802
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O	3.019997	8.700695	28.129850
Ti	0.409760	13.470804	27.826999
O	0.044484	14.525681	29.411499
Ti	0.156832	13.161842	30.655807
O	0.645751	11.888856	29.169276
O	1.424616	13.415670	31.972545
O	2.053512	14.381295	27.468125
O	2.836322	11.374997	27.970664
Ti	3.645436	13.558606	27.967600
O	3.425134	13.150726	29.902593
O	2.730245	11.024802	32.249753
Ti	3.242905	12.860943	31.703292
O	4.491940	13.924820	32.737416
O	5.204401	11.636853	31.583604
O	5.433727	12.111365	28.409754
O	5.061843	14.864378	28.090970
O	6.623888	14.242576	30.614658
Ti	6.417932	13.799653	28.791670
Ti	6.109644	13.225057	32.065431
Ti	4.496550	9.794143	31.984986
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O	-0.655048	2.700770	32.417706
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Ti	-2.187578	3.367903	31.593404
O	-4.043258	3.693605	32.038081
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O	1.103812	5.286545	32.389287
Ti	1.057260	3.439306	31.971002
O	1.416372	3.439035	30.145117
O	0.818615	5.192834	27.853260
Ti	1.371095	3.277946	28.216475
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O	0.421180	8.114840	27.735306
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O	4.070206	5.930622	32.947492
Ti	2.560199	6.743700	32.233200
O	2.689529	6.813399	30.421210
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Ti	2.054731	6.855617	28.556582
O	6.321868	9.918060	27.863838
Ti	7.807900	8.771259	28.341754
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Ti	7.550839	8.443029	32.097793
O	9.321249	7.361025	32.680945
O	9.549327	7.622057	27.857273
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O	7.940712	13.632403	27.843548
O	9.381693	10.078550	28.435288
Ti	9.260799	12.139605	27.845021
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O	9.086423	9.816497	32.143163
Ti	9.076294	11.707873	31.694441
O	10.744354	12.272758	32.488131
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O	12.190305	10.610096	27.858044
O	10.860031	13.315347	27.825249
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Ti	12.418671	12.565751	28.349874
O	14.203492	12.342907	27.876134
Ti	12.087692	11.598208	31.419128

O	13.719126	10.871266	31.993019
Ti	14.540586	9.639425	30.832187
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Ti	13.704835	6.845168	31.663693
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Ti	13.822261	7.170395	27.952395
O	13.284795	9.122955	29.387427
O	13.369681	5.147194	32.413375
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Ti	10.649614	8.379693	31.670518
O	15.577339	10.483056	29.562829
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Ti	11.057736	8.946950	28.679240
Ti	5.405223	5.560755	28.275372
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Ti	5.604762	5.332765	31.986191
Ti	4.315415	1.783663	28.761334
O	4.836759	3.517338	32.013769
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O	3.663421	1.196447	30.474861
Ti	3.935274	1.864025	32.164165
O	5.126439	3.491225	28.467594
Ti	9.907804	1.460650	31.227380
O	10.567670	0.030619	30.089868
Ti	10.225605	0.900791	28.459089
O	9.172553	2.253166	29.624342
O	8.448708	0.677190	27.657471
O	8.489436	1.338809	32.397902
O	7.384907	4.061661	32.575168
Ti	6.799024	2.242710	32.095835
O	6.575006	2.130135	30.263849
O	8.016192	3.931795	28.014826
Ti	7.265286	2.129971	28.411314
O	5.763730	0.587056	28.312320
O	7.105190	6.802589	28.155971
O	6.954669	6.623110	32.651508
Ti	11.862755	4.126054	31.856893
O	12.013540	4.202193	30.009909
O	13.754299	5.171222	27.684376
Ti	12.128684	4.147102	28.110230
O	11.563875	2.207722	28.081305
O	11.391191	2.278948	32.000773
O	10.375547	4.808365	32.745999
Ti	8.709736	5.487816	32.159303
O	8.802515	5.432986	30.312102
O	10.698657	5.257000	27.638985
Ti	8.862792	5.661094	28.418938

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Ti	-4.255175	6.883177	-1.934543
O	-4.737343	7.317614	-0.190240
O	-6.095041	6.365335	2.148041
Ti	-4.361387	7.128669	1.645833
O	-3.299996	8.800270	1.977348
O	-3.133738	8.428654	-2.246551
O	-2.902111	5.663431	-2.353025
Ti	-1.465261	4.488904	-1.937658
O	-1.335336	4.501243	-0.102846
O	-3.172569	5.727331	1.790056
Ti	-1.491351	4.782146	1.790585
O	-0.107178	3.006748	2.182219
O	-0.150382	2.922226	-2.615843
Ti	-1.501425	8.560552	-1.362581
O	-1.386476	10.060541	-0.137772
Ti	-1.425550	8.998316	1.401987
O	-1.432349	7.455093	0.221511
O	0.422644	8.782834	2.175478
O	0.013021	8.238602	-2.376901
O	0.278114	5.437183	-2.429704
Ti	1.400854	6.976400	-1.974019
O	1.620999	7.229635	-0.114025
O	0.280079	5.756911	2.126767
Ti	1.567702	7.250005	1.759583
O	3.489163	8.039664	2.142345
O	2.976901	5.439536	1.682980
O	2.863025	5.159859	-1.755549
O	3.068386	7.589069	-2.749163
O	4.868184	6.976042	-0.266768
Ti	4.273624	6.378766	-1.938936
Ti	4.553116	6.517373	1.524026
Ti	1.725541	3.822064	1.777249
O	1.392181	3.545524	-0.088482
Ti	1.525122	3.682508	-1.921050
O	-5.884331	6.120947	-2.541744
O	2.787323	2.612523	-2.850850
Ti	3.913275	1.306591	-2.147377
O	3.694189	1.278641	-0.322487
O	3.045897	2.568276	2.048004
Ti	4.229439	1.148856	1.536915
O	5.543387	-0.527749	2.224778
O	5.387270	-0.250402	-2.555891
O	6.094303	5.586993	1.998597
O	5.704261	5.344621	-2.579607
O	5.736569	2.313349	-2.324708
Ti	6.734294	3.894944	-1.949134
O	7.014114	3.924517	-0.091410
O	5.817983	2.383000	2.117061
Ti	7.030928	3.945237	1.833145
O	8.992494	4.585671	2.258495
O	8.537097	2.094928	2.022415
O	8.416941	1.674409	-1.587337

O	8.486605	4.188153	-2.710569
O	10.312729	3.904958	-0.219538
Ti	9.653695	3.077121	-1.777155
O	11.164354	2.046343	-2.368510
Ti	10.116364	3.162620	1.497479
O	11.708735	2.425594	2.342253
Ti	11.893469	0.546998	1.526070
Ti	11.226283	0.548304	-1.260118
O	11.289378	-1.224550	1.933877
Ti	9.632228	-2.333299	1.619213
O	10.049987	-2.931524	-0.107361
O	10.666849	-1.001355	-2.049098
Ti	9.247614	-2.306184	-1.668409
O	10.330545	1.156935	0.417270
O	8.354817	-0.970808	1.477754
Ti	7.291681	0.531334	1.920492
O	12.781787	0.365646	-0.107244
O	6.206884	0.805611	0.236684
O	7.886357	-1.066581	-1.541194
Ti	6.833849	0.536853	-1.488720
Ti	-6.827333	4.587446	-1.926541
O	-7.109671	4.830672	-0.089650
O	-8.718352	3.852347	2.372425
Ti	-6.982873	4.668166	1.789612
O	-5.648290	3.240172	-2.421387
Ti	-4.301077	1.945788	-2.048608
O	-4.324989	1.903741	-0.187471
O	-5.804423	3.258332	1.955450
Ti	-4.367227	2.016819	1.687105
O	-2.974748	0.324650	1.990614
O	-2.866884	0.347574	-2.415236
O	-2.671728	2.951480	-2.445192
O	-2.709770	3.092328	2.088209
Ti	-1.233330	1.347416	1.781464
O	-1.205068	1.403179	-0.135469
Ti	-1.226998	1.344687	-1.990448
Ti	-11.087777	-0.346472	-1.114835
Ti	-11.124866	-0.815186	1.687984
O	-10.949742	1.294086	-1.967244
Ti	-9.314651	2.287230	-1.694608
O	-9.647966	2.506440	0.164989
O	-11.175164	0.957267	2.592255
Ti	-9.555967	2.126377	1.994997
O	-9.751454	-0.535425	0.313764
O	-8.570070	3.875991	-2.342704
O	-8.148659	0.985012	-2.338959
Ti	-6.957380	-0.416926	-1.888339
O	-12.373300	-0.505009	0.278229
O	-6.718383	-0.237933	-0.074597
O	-8.285505	0.816055	2.291965
Ti	-7.357092	-0.761836	1.615673
Ti	-9.704884	-3.118292	-1.993901

O	-11.057170	-1.795658	-2.298705
O	-8.563484	-2.339032	1.483864
O	-8.971527	-4.997831	1.963301
O	-10.408943	-4.003799	-0.516841
Ti	-9.993642	-3.655957	1.267353
O	-11.404973	-2.694874	2.001642
O	-8.278881	-1.899661	-1.832090
O	-5.702424	-5.103525	-2.748975
O	-6.140447	-5.685171	2.284912
O	-5.946170	-2.371089	2.074104
Ti	-7.176228	-4.154304	1.893144
O	-6.861020	-3.987508	-0.066936
O	-5.773176	-2.190763	-2.385400
Ti	-6.817571	-3.790896	-1.913592
O	-8.525109	-4.345569	-2.724105
O	-5.352205	0.356233	-2.716346
O	-5.610248	0.356164	2.142947
O	-3.084210	-2.788932	2.183931
Ti	-4.143946	-1.309966	1.715637
O	-4.034913	-1.332665	-0.194520
O	-2.821297	-2.441874	-2.860314
Ti	-4.016981	-1.239041	-2.064006
O	0.013136	0.089993	-2.646231
Ti	1.216986	-1.230480	-2.102486
O	1.228874	-1.326088	-0.231410
O	-0.050783	-0.087302	2.051270
Ti	1.187175	-1.441341	1.663958
O	2.626208	-3.174186	2.038033
O	2.661791	-2.866691	-2.473196
O	2.881250	-0.316345	-2.646735
O	2.922471	-0.381459	2.024773
O	8.694990	-3.944988	2.135884
Ti	6.950822	-4.767454	1.776211
O	7.106354	-4.891475	-0.108886
O	8.446454	-3.798296	-2.489012
Ti	6.776490	-4.552559	-1.914957
O	6.044325	-6.419254	2.314685
O	5.669151	-3.432065	1.881294
Ti	4.307218	-2.124586	1.756031
O	4.276421	-1.835091	-0.136058
O	5.569117	-3.217559	-2.375730
Ti	4.285826	-1.863628	-1.992891
Ti	-1.566870	-3.533600	-1.995831
O	-1.456076	-3.281671	-0.154831
Ti	-1.767357	-3.964555	1.574789
Ti	-4.375318	-6.161082	-2.001840
O	-3.191148	-5.382487	1.708569
O	-3.835539	-8.021797	2.017620
O	-5.110030	-6.779185	-0.403898
Ti	-4.725459	-6.504907	1.404796
O	-2.928702	-4.973150	-1.703512
Ti	1.109245	-8.410478	1.885995

O	1.300388	-9.521614	0.368507
Ti	1.427565	-8.152095	-0.927472
O	1.326272	-6.856683	0.619751
O	-0.010730	-7.956362	-2.040756
O	-0.729320	-8.737547	2.230670
O	-0.532982	-5.656447	2.163709
Ti	-2.001649	-7.390331	1.972818
O	-1.742430	-6.966948	0.064676
O	-0.348345	-5.275227	-2.372067
Ti	-1.524025	-6.776372	-1.754016
O	-3.117123	-7.424861	-2.637682
O	0.122747	-2.791768	-2.703730
O	-0.014057	-3.083941	2.155145
Ti	4.201078	-7.062121	2.049253
O	4.443810	-7.061952	0.181130
O	5.803018	-6.139129	-2.368818
Ti	4.172768	-6.763477	-1.665181
O	3.053412	-8.299886	-1.837988
O	2.918771	-8.536087	2.650476
O	2.990234	-5.690097	2.399776
Ti	1.339585	-4.852571	1.704536
O	1.332928	-4.338101	-0.141561
O	2.842416	-5.594950	-2.274174
Ti	1.429394	-4.358730	-1.980694
Ti	-2.815615	8.322766	4.065201
O	-3.059840	8.323335	5.934261
O	-4.417161	7.397125	8.484411
Ti	-2.787710	8.022440	7.780045
O	-1.666933	9.557969	7.953473
O	-1.532212	9.794854	3.464102
O	-1.606182	6.948664	3.718421
Ti	0.044533	6.109570	4.410372
O	0.051844	5.594298	6.256141
O	-1.457594	6.852438	8.387379
Ti	-0.045075	5.615450	8.095084
O	1.261917	4.048260	8.817706
O	1.397815	4.340324	3.960335
Ti	0.276703	9.668169	4.229520
O	0.086274	10.779322	5.747082
Ti	-0.041403	9.409285	7.042395
O	0.059491	8.114289	5.495765
O	1.397242	9.213317	8.155803
O	2.115146	9.995328	3.884868
O	1.916906	6.913823	3.951366
Ti	3.386971	8.647529	4.141915
O	3.127769	8.222513	6.049500
O	1.732733	6.531764	8.486380
Ti	2.909194	8.032378	7.868366
O	4.502014	8.681820	8.752551
O	4.314121	6.229738	7.819136
O	4.576019	6.639592	4.401677
O	5.220899	9.279292	4.098014

O	6.494573	8.034140	6.518419
Ti	6.110432	7.761376	4.709287
Ti	5.760392	7.414748	8.116842
Ti	2.951561	4.790564	8.110311
O	2.841270	4.539879	6.268846
Ti	3.151460	5.221927	4.538472
O	-4.658594	7.678418	3.799993
O	4.469048	4.045914	3.931091
Ti	5.527829	2.566438	4.399030
O	5.418648	2.588757	6.309001
O	4.205641	3.698340	8.974724
Ti	5.401160	2.495766	8.178577
O	6.736822	0.900526	8.830359
O	6.993982	0.900741	3.971152
O	7.087285	6.360153	8.864208
O	7.525852	6.942932	3.829159
O	7.329884	3.627956	4.040096
Ti	8.560302	5.411177	4.221167
O	8.244648	5.244346	6.180984
O	7.157413	3.447491	8.499327
Ti	8.202007	5.047641	8.027708
O	9.909588	5.603174	8.838389
O	9.663078	3.157263	7.946689
O	9.946920	3.595655	4.631510
O	10.356065	6.254392	4.151547
O	11.793349	5.260978	6.631612
Ti	11.377515	4.912161	4.847757
O	12.789130	3.952214	4.113100
Ti	11.089198	4.375828	8.108628
O	12.441937	3.053368	8.414800
Ti	12.474711	1.604725	7.230452
Ti	12.510948	2.072687	4.427802
O	12.336251	-0.035924	8.082956
Ti	10.701050	-1.028726	7.810147
O	11.033753	-1.247909	5.950665
O	12.561161	0.300663	3.523394
Ti	10.942165	-0.868141	4.120200
O	11.138375	1.793329	5.802312
O	9.534447	0.273535	8.454214
Ti	8.341913	1.674245	8.002455
O	13.760114	1.763352	5.837274
O	8.103363	1.494710	6.188710
O	9.670984	0.441497	3.823201
Ti	8.740589	2.018667	4.497836
Ti	-5.564348	6.026428	4.338649
O	-5.719972	6.150496	6.224266
O	-7.060775	5.056322	8.604136
Ti	-5.389703	5.810739	8.030368
O	-4.283244	4.689984	4.233511
Ti	-2.923160	3.381557	4.358464
O	-2.892699	3.091135	6.251786
O	-4.183980	4.475415	8.491053

Ti	-2.901567	3.120206	8.107348
O	-1.497126	1.573726	8.763195
O	-1.538968	1.638094	4.089959
O	-1.241974	4.430878	4.076545
O	-1.277430	4.123499	8.587492
Ti	0.167112	2.487197	8.217545
O	0.154793	2.582349	6.346480
Ti	0.196745	2.697760	4.451156
Ti	-10.507888	0.710887	4.589182
Ti	-9.839620	0.709215	7.374931
O	-9.902797	2.482610	4.181323
Ti	-8.245630	3.591545	4.495752
O	-8.663640	4.191353	6.222268
O	-9.278369	2.260200	8.164435
Ti	-7.860373	3.565676	7.781353
O	-8.945770	0.102461	5.697128
O	-7.307896	5.202742	3.978762
O	-6.969723	2.227821	4.637731
Ti	-5.907830	0.725145	4.193069
O	-11.395379	0.894776	6.222949
O	-4.820458	0.450288	5.877109
O	-6.497978	2.327482	7.651068
Ti	-5.448803	0.720926	7.601158
Ti	-8.732134	-1.906073	4.618167
O	-10.324289	-1.168196	3.772885
O	-7.034567	-0.411638	7.698833
O	-7.099868	-2.925678	8.825952
O	-8.927217	-2.647668	6.334237
Ti	-8.267987	-1.817057	7.890537
O	-9.780146	-0.787820	8.482628
O	-7.152457	-0.838803	4.092191
O	-4.708502	-4.330263	4.115872
O	-4.318996	-4.088816	8.695212
O	-4.352261	-1.056468	8.437974
Ti	-5.347473	-2.639019	8.063342
O	-5.628938	-2.667950	6.206125
O	-4.434123	-1.126479	3.996874
Ti	-5.646549	-2.689046	4.281143
O	-7.608173	-3.329314	3.856186
O	-4.159701	1.785007	3.889668
O	-4.002924	1.506653	8.670945
O	-1.402653	-1.355829	8.966332
Ti	-2.528266	-0.049714	8.262878
O	-2.308794	-0.021153	6.438222
O	-1.662427	-1.311335	4.068339
Ti	-2.846228	0.108391	4.579089
O	1.434028	1.342960	4.064182
Ti	2.617183	-0.091405	4.333864
O	2.589630	-0.146342	6.250666
O	1.370764	1.166569	8.761138
Ti	2.611304	-0.087854	8.105708
O	4.056363	-1.694339	8.560009

O	4.093736	-1.835667	4.026426
O	4.358604	0.931748	4.123425
O	4.251256	0.909044	8.530350
O	9.956455	-2.617173	8.457497
Ti	8.213936	-3.328583	8.042243
O	8.495783	-3.572100	6.205040
O	10.104655	-2.594233	3.742926
Ti	8.369336	-3.409682	4.325076
O	7.270871	-4.862030	8.657028
O	7.033900	-1.981847	8.535436
Ti	5.685499	-0.688955	8.163008
O	5.709024	-0.647134	6.301157
O	7.189634	-2.000816	4.158925
Ti	5.751431	-0.760558	4.427088
Ti	-0.341721	-2.564778	4.338243
O	-0.007709	-2.287639	6.203900
Ti	-0.140642	-2.425898	8.036338
Ti	-3.168359	-5.260599	4.593445
O	-1.478375	-3.903394	7.871191
O	-1.682492	-6.333013	8.864976
O	-3.483866	-5.720351	6.383059
Ti	-2.888107	-5.122868	8.054935
O	-1.592594	-4.182604	4.434955
Ti	2.888564	-7.301233	7.477229
O	2.773157	-8.801327	6.253084
Ti	2.811688	-7.738719	4.712854
O	2.818240	-6.195599	5.893334
O	0.963070	-7.525374	3.940099
O	1.373204	-6.980892	8.491489
O	1.106825	-4.180387	8.544216
Ti	-0.015400	-5.719899	8.088630
O	-0.236363	-5.973760	6.229191
O	1.103732	-4.499942	3.988441
Ti	-0.183412	-5.992977	4.355957
O	-2.104898	-6.781905	3.971878
O	1.491443	-1.750768	3.932701
O	1.534841	-1.665429	8.730675
Ti	5.641798	-5.624039	8.049738
O	6.123596	-6.057848	6.305549
O	7.481893	-5.107078	3.966651
Ti	5.747859	-5.869347	4.469069
O	4.686074	-7.540873	4.137900
O	4.520610	-7.169631	8.361323
O	4.287688	-4.405340	8.468171
Ti	2.850076	-3.231930	8.052005
O	2.720038	-3.244573	6.217347
O	4.559033	-4.468278	4.324818
Ti	2.875779	-3.526234	4.324018

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Ti	-4.216247	6.933985	-1.863897
O	-4.652113	7.273235	-0.094601

O	-6.048366	6.269373	2.166401
Ti	-4.289839	7.063511	1.756177
O	-3.274201	8.787874	2.059209
O	-3.118576	8.488634	-2.170927
O	-2.887399	5.712041	-2.371038
Ti	-1.448252	4.521396	-2.037913
O	-1.405497	4.412622	-0.199864
O	-3.084481	5.673935	1.894759
Ti	-1.529302	4.578418	1.701475
O	-0.150897	2.869912	2.047836
O	-0.108562	2.963630	-2.739405
Ti	-1.482506	8.627906	-1.286304
O	-1.375782	10.137361	-0.076045
Ti	-1.414339	9.087797	1.486216
O	-1.412466	7.533163	0.290586
O	0.368691	8.797405	2.288520
O	0.007685	8.292874	-2.333568
O	0.275382	5.472885	-2.489444
Ti	1.384613	7.006171	-1.952603
O	1.537468	7.137389	-0.094243
O	0.170724	5.660750	2.086590
Ti	1.410748	7.246042	1.794564
O	3.310535	8.106673	2.065831
O	2.876129	5.418828	1.815584
O	2.862266	5.191758	-1.826402
O	3.058531	7.678121	-2.671085
O	4.794388	6.975513	-0.200326
Ti	4.264839	6.447310	-1.894379
Ti	4.456400	6.524206	1.619350
Ti	1.672961	3.749958	1.702020
O	1.366052	3.559360	-0.177116
Ti	1.563313	3.706396	-2.006117
O	-5.861229	6.210729	-2.486703
O	2.824475	2.602836	-2.894531
Ti	3.969415	1.277324	-2.231617
O	3.759768	1.241087	-0.414903
O	3.082361	2.580430	1.895260
Ti	4.324155	1.174977	1.459201
O	5.669352	-0.543065	2.140492
O	5.463333	-0.295594	-2.654150
O	6.067717	5.548627	1.857871
O	5.674889	5.419140	-2.617164
O	5.783054	2.257333	-2.432900
Ti	6.664009	3.898461	-2.106704
O	7.019712	3.870256	-0.277862
O	5.923053	2.404443	2.021489
Ti	7.093502	4.005731	1.647918
O	8.994428	4.738899	1.931908
O	8.580343	2.129630	1.958116
O	8.573679	1.402286	-1.663540
O	8.407051	3.985115	-2.893453
O	10.220945	3.852618	-0.320190

Ti	9.612435	2.995814	-1.851626
O	11.162707	2.013230	-2.397925
Ti	10.201473	3.151969	1.462835
O	11.936282	2.511963	1.949596
Ti	12.008191	0.638495	1.453088
Ti	11.082925	0.508765	-1.273811
O	11.464216	-1.163992	2.022423
Ti	9.796482	-2.283612	1.733723
O	10.146598	-2.944467	0.005097
O	10.571479	-1.078546	-2.084917
Ti	9.265967	-2.389361	-1.544141
O	10.284425	1.050337	0.460854
O	8.502626	-0.933340	1.595755
Ti	7.378486	0.554308	1.825740
O	12.724640	0.329786	-0.253516
O	6.256985	0.821488	0.155622
O	7.796198	-1.269096	-1.351035
Ti	6.910306	0.426223	-1.540749
Ti	-6.783915	4.677096	-1.852942
O	-7.124308	4.929091	-0.042227
O	-8.778480	3.767489	2.405902
Ti	-7.067644	4.611116	1.839218
O	-5.606257	3.302648	-2.308849
Ti	-4.205269	2.041890	-2.055309
O	-4.099817	1.932284	-0.217539
O	-5.880874	3.170775	1.918500
Ti	-4.573828	1.811297	1.627344
O	-3.106876	0.133377	1.938790
O	-2.813162	0.355669	-2.481167
O	-2.611523	2.972188	-2.636859
O	-2.850477	2.925579	2.017824
Ti	-1.365957	1.225802	1.636878
O	-1.181138	1.364408	-0.271378
Ti	-1.149386	1.373969	-2.125432
Ti	-10.885187	-0.018413	-0.838388
Ti	-11.050997	-0.907799	1.994063
O	-10.973049	1.595330	-1.753373
Ti	-9.215596	2.408068	-1.611168
O	-9.252546	2.504948	0.231212
O	-11.129029	0.947402	2.697651
Ti	-9.430017	1.928485	2.099537
O	-9.558350	0.000548	0.665164
O	-8.492576	3.945445	-2.377030
O	-8.233906	0.923582	-2.326878
Ti	-6.847603	-0.099053	-1.615144
O	-12.138732	-0.579336	0.409681
O	-6.581668	0.623681	0.058760
O	-8.032678	0.805303	2.771190
Ti	-7.470405	-0.659105	1.355995
Ti	-9.247902	-2.674811	-1.520807
O	-10.503163	-1.394303	-2.067415
O	-9.088928	-1.913695	2.075632

O	-8.746995	-4.859778	1.968720
O	-10.178641	-3.802240	-0.375768
Ti	-9.980029	-3.644654	1.464589
O	-11.530383	-2.829296	2.086515
O	-7.976705	-1.601430	-0.575963
O	-5.454975	-5.049083	-2.767503
O	-6.125809	-6.181765	2.065597
O	-6.294366	-2.287233	1.700635
Ti	-6.817516	-4.348261	2.057755
O	-6.493362	-4.184172	0.043873
O	-5.866235	-1.970576	-2.103082
Ti	-6.425531	-3.789995	-1.745731
O	-8.174676	-3.737992	-2.569520
O	-5.304516	0.436906	-2.672150
O	-5.691478	0.111322	2.263786
O	-3.375567	-3.118541	2.232089
Ti	-4.333401	-1.531283	1.726477
O	-4.032111	-1.341040	-0.167554
O	-2.929564	-2.504392	-2.820290
Ti	-3.958400	-1.157331	-2.027668
O	0.065297	0.114996	-2.812566
Ti	1.279482	-1.183685	-2.217068
O	1.329594	-1.226710	-0.361570
O	-0.091913	-0.133405	1.887721
Ti	1.254782	-1.395536	1.538247
O	2.679676	-3.127455	1.924898
O	2.685173	-2.851009	-2.582778
O	2.963601	-0.337685	-2.801989
O	2.998876	-0.362294	1.900988
O	8.768020	-3.890200	2.213260
Ti	7.018680	-4.761849	1.885917
O	7.179128	-4.896069	-0.009039
O	8.534412	-3.902533	-2.403341
Ti	6.845409	-4.578177	-1.819039
O	6.045430	-6.402856	2.447556
O	5.710490	-3.450462	1.916633
Ti	4.397694	-2.098513	1.669314
O	4.345598	-1.854332	-0.229664
O	5.613946	-3.287303	-2.381050
Ti	4.353682	-1.891108	-2.085328
Ti	-1.573265	-3.505025	-1.963123
O	-1.564179	-3.143824	-0.137606
Ti	-1.721191	-4.006326	1.534002
Ti	-4.170120	-6.254284	-2.115883
O	-3.272057	-5.493357	1.611741
O	-3.730693	-8.224384	1.833544
O	-5.008050	-7.087110	-0.691370
Ti	-4.688177	-6.795261	1.141137
O	-2.830808	-5.041889	-1.582518
Ti	1.122117	-8.299744	2.076099
O	1.352660	-9.437831	0.552810
Ti	1.589936	-8.121800	-0.756109

O	1.466090	-6.769523	0.752777
O	0.218556	-7.916894	-1.959794
O	-0.704605	-8.712538	2.390556
O	-0.508573	-5.686043	1.984960
Ti	-1.977182	-7.410892	1.979098
O	-1.656614	-7.033892	0.048773
O	-0.310491	-5.218013	-2.368408
Ti	-1.334761	-6.794950	-1.745488
O	-2.845662	-7.404989	-2.802371
O	0.097474	-2.745860	-2.659709
O	0.031354	-3.042983	1.920869
Ti	4.156867	-6.855261	2.230816
O	4.299272	-6.625743	0.347179
O	5.862580	-6.169056	-2.246952
Ti	4.191934	-6.634678	-1.543500
O	3.247915	-8.290836	-1.605354
O	2.924835	-8.352553	2.783910
O	3.044629	-5.407125	2.789607
Ti	1.372033	-4.816672	1.708322
O	1.412197	-4.320360	-0.172924
O	2.851354	-5.591284	-2.324338
Ti	1.477988	-4.309010	-1.998053
Ti	-2.840143	8.476153	4.157441
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O	-4.781739	7.647601	8.208609
Ti	-3.074867	8.387913	7.590715
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O	-1.494407	9.898934	3.534770
O	-1.555107	7.114681	4.106347
Ti	-0.050882	5.922524	4.394510
O	0.167859	5.722311	6.209102
O	-1.957827	6.936509	7.617729
Ti	-0.222366	6.086215	8.063855
O	1.207874	4.217894	8.436005
O	1.360925	4.206831	3.888997
Ti	0.241358	9.824156	4.463249
O	0.121646	11.220103	5.832175
Ti	0.049124	10.042731	7.280385
O	0.114761	8.618227	5.976077
O	1.846839	9.842410	8.193078
O	2.069386	10.011959	3.991501
O	1.759655	6.931275	3.928714
Ti	3.333121	8.627261	4.077044
O	3.271257	8.259593	6.025358
O	1.718507	6.961963	8.330373
Ti	3.153098	8.358182	7.838482
O	5.025835	9.065405	8.400103
O	4.387351	6.556599	8.407555
O	4.578517	6.616619	3.859046
O	5.214947	9.182078	4.182441
O	6.383578	7.412899	6.493266
Ti	6.098501	7.607462	4.659909

Ti	6.216933	7.359673	8.398264
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O	3.022818	5.279632	6.161656
Ti	3.068751	5.229510	4.317296
O	-4.569651	7.539286	3.861759
O	4.417348	3.950215	3.992216
Ti	5.675353	2.592234	4.225478
O	5.843389	2.503875	6.095181
O	4.282425	3.780295	8.296354
Ti	5.695899	2.564316	7.963424
O	7.143061	0.905420	8.375765
O	7.178208	0.854731	3.912766
O	8.065880	6.752151	8.623844
O	7.628468	7.006648	3.762691
O	7.454197	3.738923	3.850971
Ti	8.759184	5.485923	3.845863
O	8.703741	5.267518	5.823337
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Ti	8.696522	5.061638	7.635968
O	10.450831	5.919054	8.448755
O	10.110662	3.428912	7.753960
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Ti	11.640688	4.710027	4.440016
O	13.231285	3.743719	3.973786
Ti	11.667810	4.509994	7.871198
O	13.418204	3.571746	8.147446
Ti	13.403422	1.694206	7.391821
Ti	13.136335	1.984788	4.597658
O	12.794966	-0.017662	8.027825
Ti	11.208992	-1.197908	7.626950
O	11.838200	-1.366469	5.825468
O	12.790559	0.471051	3.480197
Ti	11.227797	-0.825175	4.147911
O	11.966008	2.090478	6.126198
O	9.757529	-0.065484	7.519698
Ti	9.056061	1.643632	8.018564
O	14.525855	1.583657	5.877127
O	8.608120	2.134075	6.184972
O	9.988653	0.525522	4.092555
Ti	8.813307	2.078078	4.377341
Ti	-5.715407	6.004590	4.330463
O	-6.191854	6.406384	6.107047
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O	-4.496046	4.591067	4.280849
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O	-2.871237	3.015721	6.055535
O	-4.520566	4.576728	7.922873
Ti	-3.091061	3.292438	7.875589
O	-1.702984	1.559396	8.371447

O	-1.645940	1.546257	3.887631
O	-1.364078	4.336418	3.927529
O	-1.414557	4.372113	8.341828
Ti	0.038376	2.566488	8.053011
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Ti	0.073552	2.581969	4.303603
Ti	-10.632889	0.820946	4.838596
Ti	-10.364929	0.529207	7.632969
O	-10.024319	2.532625	4.202879
Ti	-8.438402	3.713068	4.603560
O	-9.068044	3.882702	6.404409
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Ti	-8.457161	3.340482	8.081539
O	-9.195116	0.423871	6.103985
O	-7.545278	5.311547	3.938988
O	-6.987224	2.580039	4.711297
Ti	-6.286200	0.870881	4.212158
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O	-5.836219	0.378858	6.044659
O	-7.218022	1.989289	8.135555
Ti	-6.043702	0.435839	7.852145
Ti	-8.897613	-1.995474	4.359271
O	-10.647735	-1.057391	4.082900
O	-7.513222	-0.892550	8.335673
O	-7.873102	-3.590923	8.463617
O	-9.299163	-2.708169	6.037776
Ti	-8.870778	-2.196738	7.789694
O	-10.461645	-1.229862	8.255464
O	-7.340238	-0.914686	4.477238
O	-5.295772	-4.238043	3.605703
O	-4.857110	-4.492298	8.466750
O	-4.683908	-1.225406	8.378330
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O	-5.933850	-2.754037	6.406764
O	-4.470975	-1.422981	3.973662
Ti	-5.926554	-2.547337	4.594334
O	-7.680316	-3.404172	3.780629
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O	-4.408571	1.659754	8.317002
O	-1.646961	-1.435090	8.237792
Ti	-2.905740	-0.078030	8.003997
O	-3.072679	0.010830	6.134257
O	-1.512148	-1.265505	3.933949
Ti	-2.926117	-0.050081	4.266130
O	1.415517	1.286281	3.992555
Ti	2.730759	-0.052299	4.176495
O	2.772987	-0.192376	6.067045
O	1.354259	1.228383	8.236677
Ti	2.695934	-0.067567	7.925862
O	4.133454	-1.821796	8.302284
O	4.183714	-1.857591	3.887520
O	4.472263	0.955326	3.858442

O	4.415478	0.968214	8.341652
O	10.316467	-2.796440	8.291078
Ti	8.486515	-3.488620	7.899056
O	8.962223	-3.890096	6.122273
O	10.212630	-2.492597	3.820549
Ti	8.525514	-3.444117	4.360525
O	7.339850	-5.023071	8.367396
O	7.266165	-2.074177	7.949110
Ti	5.892569	-0.753848	8.030490
O	5.640745	-0.501788	6.174174
O	7.289732	-2.061865	4.306459
Ti	5.860124	-0.777709	4.353991
Ti	-0.192922	-2.565586	4.187744
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Ti	-0.299048	-2.715184	7.912588
Ti	-3.447335	-4.845809	3.831658
O	-1.808469	-4.102549	8.370605
O	-2.444145	-6.668050	8.048131
O	-3.613427	-4.900236	5.736425
Ti	-3.328116	-5.093046	7.569938
O	-1.618173	-4.043262	3.821914
Ti	2.530888	-7.309310	7.764865
O	2.650555	-8.705305	6.397535
Ti	2.722187	-7.527966	4.947586
O	2.656036	-6.103485	6.251816
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O	0.703421	-7.495999	8.238438
O	1.010397	-4.417101	8.301296
Ti	-0.562030	-6.112857	8.152913
O	-0.501096	-5.747144	6.204201
O	1.050964	-4.448107	3.899173
Ti	-0.383153	-5.844760	4.390729
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O	1.561160	-1.703994	3.793997
O	1.408494	-1.692332	8.340446
Ti	5.610918	-5.960277	8.072293
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O	7.552011	-5.132256	4.020558
Ti	5.845174	-5.872726	4.638067
O	4.576092	-7.398291	4.320128
O	4.265151	-7.382765	8.695478
O	4.324515	-4.599556	8.124391
Ti	2.820389	-3.407692	7.835574
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O	4.727536	-4.421689	4.611022
Ti	2.991640	-3.571864	4.165921
Ti	-1.386044	9.370518	9.997328
O	-1.529216	9.143234	11.881214
O	-3.092227	8.685284	14.476024
Ti	-1.421422	9.151581	13.771199
O	-0.476729	10.807390	13.833567
O	-0.153362	10.867765	9.443907

O	-0.275358	7.921938	9.439774
Ti	1.397610	7.330889	10.520904
O	1.357302	6.834550	12.402374
O	-0.081589	8.107269	14.552793
Ti	1.290856	6.823998	14.227450
O	2.671517	5.261122	14.890144
O	2.738372	5.557205	10.309199
Ti	1.649257	10.814459	10.152070
O	1.417822	11.952899	11.674775
Ti	1.180745	10.636824	12.983649
O	1.303919	9.284219	11.475138
O	2.552027	10.432014	14.188059
O	3.475901	11.226871	9.838450
O	3.278234	8.200066	10.244061
Ti	4.747792	9.924647	10.250094
O	4.427100	9.546681	12.180258
O	3.079074	7.733380	14.597703
Ti	4.105085	9.309327	13.974677
O	5.615859	9.920776	15.031261
O	5.600841	7.556431	13.814164
O	6.042001	8.007559	10.618237
O	6.501012	10.738740	10.395496
O	7.778192	9.601507	12.920607
Ti	7.458603	9.307905	11.088056
Ti	6.940565	8.770017	14.345639
Ti	4.342434	6.020197	14.193455
O	4.334245	5.659751	12.367281
Ti	4.490934	6.520581	10.695307
O	-3.274762	8.918794	9.780863
O	6.146177	5.632338	9.997720
Ti	7.103200	4.045618	10.503546
O	6.802209	3.856318	12.397492
O	5.698776	5.020401	15.050536
Ti	6.728094	3.672767	14.257872
O	8.073857	2.078356	14.902599
O	8.461288	2.402503	9.967231
O	8.226494	7.565085	14.995946
O	8.894871	8.696889	10.163694
O	9.064541	4.801674	10.528123
Ti	9.587679	6.863357	10.171408
O	9.263021	6.699000	12.185036
O	8.635672	4.486150	14.333458
Ti	9.195676	6.305373	13.974889
O	10.944758	6.253169	14.799268
O	10.746360	4.117204	12.805880
O	11.859149	4.428942	10.154422
O	11.517312	7.375245	10.261007
O	12.948881	6.317556	12.605596
Ti	12.750343	6.159550	10.765448
O	14.300031	5.344445	10.143813
Ti	12.018173	5.189887	13.750550
O	13.273777	3.909680	14.298130

Ti	13.655913	2.534183	13.069072
Ti	13.821299	3.423164	10.236314
O	13.743319	0.920665	13.983402
Ti	11.985689	0.108761	13.842242
O	12.022773	0.011374	11.999469
O	13.899384	1.567611	9.532975
Ti	12.199749	0.586773	10.130236
O	12.328664	2.515116	11.565821
O	11.004187	1.592393	14.558338
Ti	9.617247	2.614733	13.846250
O	14.909340	3.095196	11.820543
O	9.352459	1.892190	12.172083
O	10.803323	1.709380	9.459727
Ti	10.240349	3.174164	10.874677
Ti	-4.247830	7.278025	10.343388
O	-4.408222	7.411809	12.238918
O	-5.762660	6.418413	14.633354
Ti	-4.073962	7.094651	14.047879
O	-2.939989	5.966716	10.312492
Ti	-1.628908	4.612828	10.560188
O	-1.576070	4.366923	12.459226
O	-2.843268	5.803161	14.611758
Ti	-1.584991	4.405583	14.315012
O	-0.194887	2.852781	15.032345
O	-0.229589	2.876700	10.328609
O	0.089736	5.641770	10.304561
O	0.083727	5.365878	14.811971
Ti	1.489624	3.698743	14.447291
O	1.439810	3.740538	12.591774
Ti	1.514115	3.910322	10.692038
Ti	-9.236899	1.876272	10.776304
Ti	-8.305454	2.004052	13.501530
O	-8.692449	3.678296	10.207071
Ti	-7.024956	4.798953	10.495858
O	-7.374666	5.460218	12.224593
O	-7.796880	3.591900	14.314160
Ti	-6.493825	4.905728	13.773201
O	-7.511525	1.461947	11.763151
O	-5.996689	6.405442	10.016339
O	-5.731414	3.448075	10.635389
Ti	-4.609124	1.959585	10.403433
O	-9.949399	2.184679	12.483197
O	-3.487581	1.691350	12.073792
O	-5.023636	3.785386	13.579254
Ti	-4.142576	2.087814	13.768782
Ti	-7.432895	-0.637714	10.765449
O	-9.168158	0.002449	10.278107
O	-5.810708	1.116006	13.885954
O	-5.635839	-1.467256	15.124000
O	-7.451179	-1.341196	12.547956
Ti	-6.842188	-0.483223	14.078708
O	-8.392964	0.497950	14.624231

O	-5.809673	0.383035	10.268787
O	-3.298141	-3.033909	10.373440
O	-2.903421	-2.904481	14.846504
O	-3.016088	0.258738	14.662134
Ti	-3.892950	-1.384457	14.336381
O	-4.251725	-1.355493	12.508970
O	-3.153082	0.109147	10.208435
Ti	-4.324133	-1.491102	10.582076
O	-6.224889	-2.225082	10.297393
O	-2.900541	3.057616	10.089528
O	-2.695271	2.809973	14.882744
O	-0.055998	-0.087891	15.123909
Ti	-1.200882	1.238160	14.461482
O	-0.990684	1.273802	12.644933
O	-0.311676	-0.065557	10.334265
Ti	-1.554470	1.339096	10.770072
O	2.861137	2.648114	10.342008
Ti	4.134944	1.289185	10.592923
O	3.950463	1.150615	12.500943
O	2.703714	2.400256	15.042785
Ti	3.918735	1.141596	14.354972
O	5.380789	-0.456704	14.867249
O	5.619639	-0.411015	10.211852
O	5.875970	2.381128	10.290983
O	5.582259	2.160036	14.710771
O	11.263192	-1.429047	14.607507
Ti	9.554625	-2.160350	14.083469
O	9.894445	-2.412303	12.272952
O	11.549088	-1.252349	9.824877
Ti	9.837771	-2.095623	10.390992
O	8.632451	-3.694252	14.717465
O	8.376041	-0.786637	14.539506
Ti	6.974729	0.473793	14.285626
O	6.870029	0.585256	12.447692
O	8.650501	-0.655370	10.311424
Ti	7.342569	0.702843	10.602610
Ti	1.096854	-1.236025	10.527884
O	1.403516	-1.044330	12.407096
Ti	1.206038	-1.190919	14.236138
Ti	-1.686993	-4.009996	10.610240
O	-0.091885	-2.676989	14.055984
O	-0.286869	-5.163596	14.900577
O	-2.024122	-4.462135	12.430478
Ti	-1.493264	-3.933754	14.124068
O	-0.107036	-2.904172	10.414260
Ti	4.255094	-6.111608	13.517460
O	4.148972	-7.621125	12.307803
Ti	4.186583	-6.571849	10.744910
O	4.186734	-5.017040	11.940892
O	2.403522	-6.281481	9.943772
O	2.765341	-5.776309	14.563633
O	2.494317	-2.957236	14.720363

Ti	1.387191	-4.491297	14.182387
O	1.233826	-4.621869	12.324088
O	2.598051	-3.145386	10.144164
Ti	1.358821	-4.731970	10.435208
O	-0.540406	-5.592582	10.164229
O	2.920454	-0.355289	10.181823
O	2.877728	-0.448290	14.968966
Ti	6.987880	-4.417248	14.093671
O	7.422737	-4.755432	12.324926
O	8.818831	-3.753731	10.063410
Ti	7.060202	-4.547598	10.473331
O	6.046110	-6.273008	10.170359
O	5.892758	-5.972886	14.402659
O	5.658102	-3.196020	14.601261
Ti	4.218040	-2.006232	14.268337
O	4.175430	-1.897609	12.430261
O	5.853605	-3.158918	10.334016
Ti	4.298417	-2.063806	10.528732

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Ti	-4.209779	6.966758	-1.857816
O	-4.651426	7.319172	-0.083669
O	-5.993234	6.253774	2.191435
Ti	-4.270939	7.098931	1.764150
O	-3.308365	8.858689	2.130082
O	-3.194958	8.544300	-2.273947
O	-2.882387	5.742677	-2.390474
Ti	-1.437938	4.536954	-2.133810
O	-1.387382	4.415279	-0.294234
O	-3.050961	5.715032	1.894785
Ti	-1.584442	4.526714	1.601565
O	-0.171419	2.858169	1.946205
O	-0.084261	2.968594	-2.847139
Ti	-1.568566	8.673207	-1.352175
O	-1.477190	10.176637	-0.147308
Ti	-1.486058	9.116901	1.424106
O	-1.611920	7.565035	0.191442
O	0.307992	8.754142	1.975968
O	-0.043497	8.302111	-2.354332
O	0.279840	5.466974	-2.630405
Ti	1.342184	7.007444	-2.064505
O	1.530803	7.025945	-0.215117
O	0.148051	5.618814	1.974512
Ti	1.367614	7.233545	1.669518
O	3.240804	8.129351	1.967006
O	2.867653	5.419588	1.760265
O	2.884482	5.170879	-1.969201
O	3.019807	7.681203	-2.777225
O	4.755022	7.012971	-0.304307
Ti	4.241353	6.461087	-1.998957
Ti	4.409604	6.569042	1.514755
Ti	1.649049	3.748204	1.587636

O	1.385050	3.543528	-0.294006
Ti	1.592851	3.687509	-2.124582
O	-5.855175	6.233740	-2.465063
O	2.884591	2.592353	-2.992300
Ti	4.037763	1.283989	-2.314431
O	3.822659	1.269342	-0.499568
O	3.104776	2.621890	1.794140
Ti	4.353546	1.220061	1.387316
O	5.725553	-0.501087	2.071305
O	5.549605	-0.292026	-2.711261
O	6.030779	5.599373	1.746699
O	5.694535	5.439194	-2.674477
O	5.869839	2.253335	-2.489775
Ti	6.689021	3.924804	-2.170390
O	7.088378	3.905999	-0.351381
O	5.947572	2.463568	1.954361
Ti	7.101750	4.083720	1.582217
O	8.997711	4.823194	1.908504
O	8.581968	2.234587	1.967708
O	8.689352	1.356688	-1.640308
O	8.429803	3.947604	-2.978729
O	10.211381	3.932010	-0.373766
Ti	9.637712	3.028718	-1.886306
O	11.192822	2.044778	-2.356259
Ti	10.210383	3.252838	1.416818
O	11.954114	2.613663	1.812784
Ti	11.923653	0.711078	1.507629
Ti	10.966500	0.533181	-1.226108
O	11.461004	-1.110656	2.138383
Ti	9.816032	-2.278709	1.812313
O	10.192951	-2.928216	0.087305
O	10.560960	-1.083625	-2.057283
Ti	9.298855	-2.406283	-1.468858
O	10.175173	1.068978	0.545508
O	8.535323	-0.922181	1.635561
Ti	7.436682	0.604402	1.762952
O	12.603439	0.336841	-0.199026
O	6.315405	0.879931	0.105635
O	7.817301	-1.284243	-1.303830
Ti	6.973670	0.420533	-1.572844
Ti	-6.748927	4.698128	-1.801547
O	-7.075768	4.925988	0.018382
O	-8.818212	3.801047	2.521932
Ti	-7.068928	4.607411	1.903981
O	-5.579615	3.327156	-2.283936
Ti	-4.153228	2.076627	-2.075681
O	-4.039401	1.985746	-0.250928
O	-5.942486	3.120201	1.982152
Ti	-4.663712	1.745497	1.568087
O	-3.143907	0.130171	1.898967
O	-2.773100	0.367123	-2.516226
O	-2.580127	2.986107	-2.737817

O	-2.911153	2.913505	1.940619
Ti	-1.425156	1.216318	1.552512
O	-1.154576	1.387515	-0.350075
Ti	-1.106464	1.380654	-2.200329
Ti	-10.857288	0.063334	-0.749306
Ti	-11.051571	-0.863430	2.072217
O	-10.918029	1.675746	-1.675292
Ti	-9.167286	2.477599	-1.489482
O	-9.210677	2.553239	0.353403
O	-11.107387	0.981066	2.834952
Ti	-9.421311	1.937607	2.221241
O	-9.531456	0.057075	0.760353
O	-8.481496	4.013650	-2.296118
O	-8.135101	1.018870	-2.161695
Ti	-6.737543	-0.023448	-1.491076
O	-12.131962	-0.457038	0.484922
O	-6.378370	0.701802	0.190755
O	-7.998660	0.817053	2.849707
Ti	-7.449815	-0.644636	1.438610
Ti	-9.195081	-2.585931	-1.439754
O	-10.477478	-1.319980	-1.965522
O	-9.068244	-1.852155	2.181620
O	-8.728396	-4.831236	2.062878
O	-10.081797	-3.735462	-0.292864
Ti	-9.932645	-3.584650	1.560112
O	-11.530248	-2.775094	2.064881
O	-7.935981	-1.460850	-0.505599
O	-5.414910	-5.016041	-2.723051
O	-6.057365	-6.160854	2.054450
O	-6.283803	-2.289008	1.630083
Ti	-6.797561	-4.315879	2.125449
O	-6.515639	-4.182290	0.068708
O	-5.825244	-1.929095	-2.007539
Ti	-6.388787	-3.758658	-1.697141
O	-8.137291	-3.622574	-2.526098
O	-5.251748	0.453201	-2.646866
O	-5.672685	0.039706	2.373902
O	-3.360806	-3.169400	2.188574
Ti	-4.340871	-1.574346	1.736598
O	-3.955696	-1.338621	-0.155090
O	-2.886417	-2.496766	-2.826938
Ti	-3.900232	-1.146315	-2.009493
O	0.131614	0.135147	-2.876490
Ti	1.351665	-1.155178	-2.271312
O	1.400908	-1.168680	-0.417945
O	-0.117901	-0.126304	1.785849
Ti	1.262832	-1.356417	1.480104
O	2.699570	-3.067198	1.882982
O	2.747620	-2.825723	-2.614535
O	3.048328	-0.334378	-2.884337
O	3.026394	-0.322659	1.826158
O	8.759003	-3.872778	2.292703

Ti	7.002556	-4.758126	1.973421
O	7.220049	-4.899283	0.082884
O	8.595026	-3.932853	-2.316102
Ti	6.892703	-4.594976	-1.737095
O	6.050324	-6.414774	2.617688
O	5.711476	-3.434937	1.954699
Ti	4.428319	-2.058844	1.614536
O	4.420990	-1.810520	-0.278279
O	5.685800	-3.297810	-2.357054
Ti	4.428537	-1.887789	-2.132968
Ti	-1.520546	-3.481017	-1.969106
O	-1.504937	-3.112148	-0.146321
Ti	-1.685201	-4.009420	1.508118
Ti	-4.122840	-6.221868	-2.087362
O	-3.206688	-5.533541	1.598825
O	-3.642939	-8.255072	1.834161
O	-4.948398	-7.099902	-0.681055
Ti	-4.637826	-6.834594	1.156035
O	-2.776336	-5.020686	-1.545754
Ti	1.286376	-8.262644	2.096230
O	1.312066	-9.388216	0.524927
Ti	1.599212	-8.066104	-0.749672
O	1.499954	-6.704498	0.744702
O	0.269538	-7.871239	-2.014539
O	-0.554235	-8.644973	2.482706
O	-0.465969	-5.656393	1.989157
Ti	-1.882403	-7.441850	1.968752
O	-1.572885	-7.057346	0.040858
O	-0.267749	-5.185236	-2.376846
Ti	-1.284158	-6.772104	-1.755506
O	-2.810315	-7.367111	-2.803182
O	0.152276	-2.718388	-2.673263
O	0.056967	-3.027017	1.912531
Ti	4.167224	-6.790652	2.262222
O	4.356595	-6.317731	0.396894
O	5.929967	-6.175180	-2.187427
Ti	4.229739	-6.531795	-1.459283
O	3.309832	-8.198631	-1.495320
O	3.160359	-8.395936	2.436289
O	3.060381	-5.309795	2.841575
Ti	1.414770	-4.779162	1.703533
O	1.450855	-4.265093	-0.183957
O	2.908744	-5.537392	-2.342769
Ti	1.527753	-4.274779	-2.006683
Ti	-2.812430	8.488119	4.199154
O	-3.238147	8.998984	5.935408
O	-4.681656	7.596092	8.236568
Ti	-2.964903	8.436795	7.740712
O	-1.839520	10.092582	8.059507
O	-1.421330	9.896489	3.538851
O	-1.510770	7.148426	4.063743
Ti	-0.067750	5.891871	4.230550

O	0.163388	5.696181	6.062433
O	-1.734219	7.057131	7.836676
Ti	-0.108948	6.017617	7.911525
O	1.278892	4.218966	8.270156
O	1.370844	4.197391	3.782729
Ti	0.149538	10.004897	4.644138
O	0.054753	11.443526	5.942085
Ti	0.023346	10.298411	7.435568
O	0.042857	8.828782	6.156517
O	1.851562	9.941992	8.186614
O	1.893129	10.035203	3.987784
O	1.694960	6.976678	3.816368
Ti	3.202652	8.654174	3.992786
O	3.231474	8.339686	5.930407
O	1.666467	7.040936	8.291094
Ti	3.111463	8.444259	7.770729
O	4.996899	9.206297	8.229484
O	4.481756	6.626274	8.151019
O	4.553835	6.673999	3.756730
O	5.078958	9.284614	3.926668
O	6.467129	7.776196	6.222731
Ti	6.060281	7.776983	4.410997
Ti	6.222289	7.549645	8.086086
Ti	3.028812	5.161705	7.911026
O	2.963247	5.463411	6.042759
Ti	3.049851	5.271728	4.203935
O	-4.536775	7.562043	3.909888
O	4.430698	4.002818	3.996818
Ti	5.692474	2.641481	4.134513
O	5.927091	2.401289	5.981653
O	4.222950	3.721138	8.013034
Ti	5.579225	2.428241	7.832321
O	7.067115	0.713030	8.219904
O	7.227372	0.909707	3.858638
O	7.930491	6.674841	8.359820
O	7.610792	7.109538	3.589417
O	7.442044	3.837145	3.782968
Ti	8.718762	5.590794	3.825705
O	8.669387	5.273913	5.764877
O	7.313682	3.596345	8.111571
Ti	8.702550	4.977056	7.597644
O	10.518677	5.789566	8.135787
O	10.168120	3.247561	8.173895
O	10.398725	3.374784	3.804303
O	10.625305	6.125188	3.729155
O	12.086759	5.169422	6.139418
Ti	11.663319	4.753282	4.389857
O	13.270512	3.694552	4.071569
Ti	11.824878	4.283684	7.805706
O	13.645063	3.589706	8.287479
Ti	13.640061	1.704955	7.636627
Ti	13.092753	2.024593	4.835465

O	12.939819	-0.015004	8.110571
Ti	11.222953	-1.063945	7.739385
O	11.818263	-1.229264	5.921449
O	12.622579	0.646861	3.608038
Ti	11.171754	-0.786861	4.232555
O	12.084514	2.365424	6.507210
O	9.891335	0.228967	7.708714
Ti	8.759496	1.741764	7.875486
O	14.545925	1.509526	5.993344
O	8.755440	2.488803	6.095954
O	9.903720	0.537238	4.226906
Ti	8.833632	2.180628	4.282263
Ti	-5.683503	6.023369	4.369643
O	-6.147603	6.396571	6.157541
O	-7.474423	5.096513	8.486180
Ti	-5.749167	5.948159	7.936247
O	-4.480514	4.601787	4.276975
Ti	-3.134345	3.253602	4.141379
O	-2.902405	3.028446	6.013045
O	-4.493970	4.580229	7.975410
Ti	-3.106953	3.253196	7.842857
O	-1.698264	1.540439	8.296365
O	-1.651589	1.550903	3.805984
O	-1.381873	4.318044	3.830988
O	-1.419853	4.353850	8.249112
Ti	0.082113	2.561549	7.919917
O	-0.008988	2.731186	6.043691
Ti	0.069581	2.571787	4.182831
Ti	-10.556803	0.702158	4.997947
Ti	-9.965101	0.248549	7.864273
O	-9.845808	2.379775	4.408579
Ti	-8.406061	3.768812	4.671368
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O	-9.965379	2.148253	8.604677
Ti	-8.503237	3.464309	8.038917
O	-9.081213	-0.191861	6.010909
O	-7.519203	5.364572	3.951301
O	-6.962239	2.625211	4.828324
Ti	-6.261141	0.923193	4.269393
O	-11.403807	0.864626	6.615907
O	-5.697784	0.408178	6.054464
O	-7.225620	2.141438	7.983178
Ti	-6.095603	0.531603	7.834914
Ti	-8.860405	-1.895014	4.475793
O	-10.707814	-1.119171	4.115267
O	-7.816461	-0.575332	8.214158
O	-7.588114	-3.453033	8.450733
O	-9.184166	-3.044581	5.922352
Ti	-8.746359	-2.337711	7.604965
O	-10.375524	-1.589943	8.235229
O	-7.171293	-0.915681	4.552882
O	-5.272929	-4.238726	3.634497

O	-4.858215	-4.819911	8.492641
O	-4.757945	-1.123672	8.358978
Ti	-5.636142	-3.042471	8.539368
O	-5.686286	-2.802561	6.528318
O	-4.343128	-1.529793	3.976557
Ti	-5.834504	-2.549285	4.724242
O	-7.569809	-3.278326	3.791815
O	-4.359917	1.597625	3.817532
O	-4.396951	1.652159	8.333489
O	-1.726178	-1.477721	8.321278
Ti	-2.966474	-0.104912	7.981841
O	-2.948532	0.014108	6.110509
O	-1.445333	-1.212349	3.858221
Ti	-2.916781	-0.062359	4.232645
O	1.437938	1.310069	3.874073
Ti	2.765971	-0.009281	4.082202
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Ti	2.599031	-0.221779	7.816777
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O	4.327182	0.838578	8.224744
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Ti	8.447445	-3.575985	7.963718
O	8.948061	-3.960051	6.184981
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Ti	5.765119	-0.927067	7.932040
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O	7.350260	-2.009008	4.336671
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Ti	-0.411602	-2.784138	7.845417
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Ti	5.588101	-5.977567	8.240688
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Ti	1.763705	10.873086	10.187067
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Ti	4.831236	9.942684	10.163338
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Ti	7.599591	9.160377	10.896092
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Ti	4.562221	6.553895	10.516984
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Ti	13.008053	5.696490	13.851720
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Ti	14.696985	3.102147	13.309681
Ti	14.132914	3.537157	10.419504
O	13.958590	1.440190	13.887910
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Ti	12.656494	0.302087	10.274334
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Ti	10.408227	2.865292	14.062630
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Ti	10.243837	3.219673	10.490058
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Ti	2.738625	8.568379	16.636497
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Ti	2.620124	8.068108	20.349429
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Ti	5.441249	10.558308	20.091174
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Ti	14.082929	7.355948	16.793182
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Ti	15.013093	3.707842	19.069604
Ti	15.205760	4.642787	16.249027
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Ti	13.314023	1.299053	19.800679
O	13.337653	1.234273	17.956727
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Ti	10.887198	3.800519	19.829710
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O	-1.705309	1.528376	20.827492
Ti	-2.523224	-0.144991	20.514290
O	-2.915101	-0.134052	18.694761

O	-1.783603	1.310022	16.388353
Ti	-2.935243	-0.312325	16.760539
O	-4.833803	-1.046268	16.440834
O	-1.570258	4.283238	16.271183
O	-1.394641	4.075047	21.049327
O	1.271277	1.191978	21.330562
Ti	0.123385	2.506421	20.653498
O	0.346729	2.523315	18.840157
O	1.061239	1.163826	16.549027
Ti	-0.195239	2.562134	16.955796
O	4.251474	3.890112	16.574013
Ti	5.572941	2.556815	16.787900
O	5.310195	2.383188	18.691667
O	4.018224	3.653172	21.206994
Ti	5.254900	2.400226	20.540917
O	6.728799	0.796044	21.080826
O	7.068403	0.858869	16.400151
O	7.295780	3.635693	16.452111
O	6.924466	3.411296	20.857922
O	12.643339	-0.234987	20.620313
Ti	10.903910	-0.912731	20.143182
O	11.223393	-1.130794	18.320810
O	12.990434	-0.014776	15.790814
Ti	11.244149	-0.816484	16.432656
O	10.016255	-2.446972	20.817952
O	9.736015	0.456022	20.638293
Ti	8.305082	1.700721	20.420018
O	8.207609	1.780936	18.594244
O	10.113485	0.666966	16.344903
Ti	8.819671	2.026502	16.770228
Ti	2.505744	0.025975	16.755771
O	2.769972	0.226771	18.637665
Ti	2.559547	0.089880	20.467945
Ti	-0.244292	-2.797787	16.846640
O	1.274007	-1.398592	20.313103
O	1.137001	-3.902677	21.139854
O	-0.597309	-3.244076	18.664240
Ti	-0.084721	-2.687233	20.356159
O	1.295403	-1.648256	16.597515
Ti	5.720891	-4.885656	19.712833
O	5.635317	-6.389043	18.506588
Ti	5.650983	-5.329837	16.935574
O	5.743277	-3.778263	18.166224
O	3.862245	-4.984691	16.337128
O	4.199876	-4.525224	20.723992
O	3.874653	-1.688610	20.979866
Ti	2.814070	-3.233086	20.421228
O	2.635601	-3.269801	18.569681
O	4.017024	-1.853247	16.371837
Ti	2.801712	-3.464243	16.684682
O	0.927848	-4.357464	16.404613
O	4.327741	0.909233	16.394152

O	4.233402	0.813335	21.190627
Ti	8.368130	-3.177387	20.217730
O	8.811966	-3.531828	18.445632
O	10.176547	-2.471151	16.160557
Ti	8.453596	-3.308804	16.594413
O	7.475212	-5.063253	16.246727
O	7.349151	-4.753824	20.629637
O	7.037746	-1.956094	20.745357
Ti	5.588665	-0.756388	20.478195
O	5.546301	-0.641402	18.638626
O	7.228230	-1.930215	16.463329
Ti	5.745588	-0.755933	16.743262

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Ti	-4.292904	6.912644	-1.871892
O	-4.694799	7.246888	-0.088365
O	-6.041412	6.207988	2.207359
Ti	-4.310046	7.014862	1.759001
O	-3.324206	8.768734	2.095581
O	-3.262247	8.476859	-2.295886
O	-2.970512	5.697167	-2.442177
Ti	-1.523410	4.495462	-2.200876
O	-1.423579	4.387418	-0.363466
O	-3.075538	5.643004	1.869767
Ti	-1.585746	4.488770	1.535304
O	-0.137594	2.846220	1.879840
O	-0.181687	2.931034	-2.926914
Ti	-1.619539	8.590390	-1.397288
O	-1.539927	10.100093	-0.201679
Ti	-1.511141	9.049559	1.375861
O	-1.619899	7.482809	0.143496
O	0.304489	8.690206	1.863020
O	-0.094729	8.237803	-2.412017
O	0.212665	5.413762	-2.693754
Ti	1.309256	6.945910	-2.199838
O	1.623367	7.065139	-0.353104
O	0.173327	5.572568	1.848160
Ti	1.347351	7.179319	1.533061
O	3.240623	8.147492	1.813270
O	2.945142	5.440461	1.531092
O	2.816548	5.099673	-1.974771
O	2.922071	7.471391	-3.132986
O	4.761090	7.108059	-0.726607
Ti	4.197726	6.311575	-2.325799
Ti	4.323356	6.760143	1.055907
Ti	1.692972	3.752321	1.482659
O	1.342906	3.452369	-0.365610
Ti	1.504728	3.628644	-2.197494
O	-5.958004	6.194803	-2.441886
O	2.768830	2.543137	-3.087997
Ti	3.931157	1.278088	-2.331122
O	3.679296	1.255257	-0.516049

O	3.131106	2.621584	1.805235
Ti	4.295539	1.141400	1.346278
O	5.633520	-0.538160	2.122011
O	5.435350	-0.317735	-2.744135
O	5.894967	6.180384	1.832227
O	5.627009	5.246745	-2.868738
O	5.732264	2.243066	-2.472174
Ti	6.626902	3.875649	-1.965738
O	6.495155	4.104670	-0.121728
O	5.986174	2.363363	1.892612
Ti	6.584825	4.336186	1.819970
O	8.580191	4.760772	1.883561
O	8.756086	1.960624	1.995645
O	8.245935	1.764594	-1.460371
O	8.422766	4.208669	-2.587424
O	10.211363	3.894885	-0.169291
Ti	9.593311	3.047449	-1.686456
O	11.024503	1.918303	-2.256315
Ti	10.065320	3.346482	1.646068
O	11.743289	2.461291	1.820147
Ti	11.859252	0.601401	1.532234
Ti	11.263848	0.362315	-1.227262
O	11.518068	-1.218886	2.266756
Ti	9.797295	-2.239414	1.839467
O	10.134623	-2.836180	0.079378
O	10.859967	-1.199305	-2.171115
Ti	9.408960	-2.295703	-1.554033
O	10.230559	0.490442	0.360837
O	8.421150	-0.979939	1.745337
Ti	7.362584	0.590032	1.722928
O	12.819417	0.362510	-0.103510
O	6.145832	0.683675	0.095587
O	8.004704	-1.054481	-1.559207
Ti	6.834314	0.444747	-1.622113
Ti	-6.849624	4.662110	-1.764446
O	-7.148587	4.882660	0.059206
O	-8.825541	3.708617	2.611154
Ti	-7.104238	4.539769	1.944575
O	-5.682902	3.299128	-2.285079
Ti	-4.246807	2.053485	-2.114993
O	-4.093331	1.972413	-0.293733
O	-5.949046	3.072900	1.961511
Ti	-4.661705	1.707043	1.538414
O	-3.116705	0.104207	1.828714
O	-2.863663	0.348720	-2.589261
O	-2.676633	2.956632	-2.793504
O	-2.897535	2.878330	1.888536
Ti	-1.395927	1.196362	1.499747
O	-1.209750	1.361099	-0.410224
Ti	-1.194633	1.344719	-2.261359
Ti	-10.901080	0.003498	-0.669926
Ti	-11.032534	-0.951383	2.142372

O	-10.990344	1.630592	-1.567785
Ti	-9.234707	2.427662	-1.411226
O	-9.215530	2.473750	0.432488
O	-11.064962	0.885381	2.941463
Ti	-9.400107	1.840533	2.302181
O	-9.542997	-0.019870	0.807370
O	-8.592457	3.977232	-2.224632
O	-8.221848	0.976829	-2.138266
Ti	-6.805761	-0.067427	-1.511960
O	-12.151297	-0.523272	0.585883
O	-6.420175	0.642523	0.167852
O	-7.965717	0.705876	2.880506
Ti	-7.436689	-0.717627	1.426281
Ti	-9.245248	-2.637090	-1.446090
O	-10.543665	-1.364307	-1.914245
O	-9.045956	-1.945494	2.182098
O	-8.694014	-4.902472	2.011498
O	-10.108416	-3.808125	-0.302913
Ti	-9.920691	-3.666106	1.547071
O	-11.507431	-2.867955	2.102470
O	-7.971991	-1.530656	-0.516744
O	-5.462916	-5.037950	-2.821656
O	-6.070266	-6.233248	1.960032
O	-6.253778	-2.344798	1.590800
Ti	-6.764365	-4.377062	2.060358
O	-6.504250	-4.231202	-0.001725
O	-5.882777	-1.961098	-2.068783
Ti	-6.431240	-3.798245	-1.766995
O	-8.198570	-3.660175	-2.559357
O	-5.340497	0.428702	-2.683197
O	-5.650098	-0.013012	2.335490
O	-3.349344	-3.223839	2.116354
Ti	-4.299663	-1.613889	1.683973
O	-3.980644	-1.364284	-0.219620
O	-2.939745	-2.514007	-2.891855
Ti	-3.967032	-1.174823	-2.071039
O	0.037638	0.081090	-2.904055
Ti	1.272958	-1.203534	-2.310042
O	1.335015	-1.277141	-0.457678
O	-0.071092	-0.129789	1.739888
Ti	1.236976	-1.440170	1.444893
O	2.694117	-3.186782	1.870928
O	2.703303	-2.864259	-2.676905
O	2.951569	-0.357789	-2.886357
O	2.984547	-0.398468	1.818158
O	8.833127	-3.890833	2.303453
Ti	7.085717	-4.735629	1.908495
O	7.272426	-4.865117	0.003711
O	8.619090	-3.811178	-2.360478
Ti	6.939304	-4.524222	-1.794968
O	6.128186	-6.393373	2.380069
O	5.761925	-3.429040	1.885929

Ti	4.387429	-2.143274	1.624601
O	4.333517	-1.873862	-0.277137
O	5.693400	-3.240038	-2.343709
Ti	4.346169	-1.907218	-2.133043
Ti	-1.568907	-3.512753	-2.056319
O	-1.531885	-3.166885	-0.233150
Ti	-1.703145	-4.082748	1.415128
Ti	-4.159739	-6.251317	-2.217203
O	-3.232641	-5.595571	1.502574
O	-3.685978	-8.316923	1.681324
O	-4.983991	-7.137557	-0.817080
Ti	-4.664953	-6.883327	1.024043
O	-2.811364	-5.057974	-1.667414
Ti	1.186329	-8.356263	1.852503
O	1.451881	-9.460552	0.309476
Ti	1.656979	-8.097974	-0.957050
O	1.497966	-6.787604	0.571390
O	0.263812	-7.905512	-2.144876
O	-0.632160	-8.822621	2.137113
O	-0.489047	-5.737885	1.836918
Ti	-1.920063	-7.507751	1.811154
O	-1.629786	-7.095431	-0.117313
O	-0.294464	-5.221379	-2.488110
Ti	-1.312242	-6.812637	-1.902534
O	-2.842401	-7.381040	-2.959649
O	0.104839	-2.768001	-2.769902
O	0.036970	-3.100497	1.825519
Ti	4.269311	-6.822682	2.121792
O	4.340609	-6.525292	0.249358
O	5.952901	-6.098806	-2.295326
Ti	4.261106	-6.561486	-1.643390
O	3.347757	-8.232210	-1.754206
O	3.008385	-8.357429	2.562770
O	3.036395	-5.482345	2.749555
Ti	1.396758	-4.870510	1.617083
O	1.441162	-4.337278	-0.265602
O	2.899390	-5.560906	-2.443339
Ti	1.490658	-4.317291	-2.088998
Ti	-2.794220	8.410537	4.159057
O	-3.244458	9.000042	5.866518
O	-4.728691	7.696498	8.242704
Ti	-3.019490	8.494560	7.699237
O	-1.918119	10.149905	8.030817
O	-1.426335	9.836703	3.467631
O	-1.438009	7.116770	3.994946
Ti	0.015727	5.849221	4.144390
O	0.296917	5.817407	5.969100
O	-1.824280	7.082619	7.726520
Ti	-0.149223	6.119928	7.802701
O	1.256616	4.331935	8.152288
O	1.455906	4.168312	3.645167
Ti	0.108333	9.965272	4.622281

O	-0.008547	11.440818	5.875780
Ti	-0.050402	10.345943	7.406664
O	-0.012338	8.830284	6.175029
O	1.804649	10.067604	8.143004
O	1.818996	9.942850	3.921900
O	1.801884	6.857300	3.632386
Ti	3.190799	8.592953	3.874974
O	3.104448	8.423412	5.829708
O	1.688356	7.076153	8.131312
Ti	3.027522	8.577554	7.655279
O	4.877481	9.363772	8.077300
O	4.413832	6.729875	7.852139
O	4.472320	6.719752	4.261005
O	5.028075	9.248477	3.553831
O	6.493779	8.369111	5.996011
Ti	6.030062	7.845293	4.266589
Ti	6.097312	7.726758	7.714687
Ti	3.027942	5.204212	7.674698
O	3.057055	4.852914	5.811972
Ti	3.239072	5.172667	3.978665
O	-4.520427	7.486754	3.903441
O	4.827377	4.216247	3.319776
Ti	5.614162	2.545092	4.082471
O	5.589550	2.597505	5.927164
O	4.321489	3.890970	8.138449
Ti	5.588254	2.552390	7.832221
O	7.072344	0.793436	8.222757
O	7.099919	0.885578	3.867670
O	7.573548	6.494016	7.698044
O	7.651839	6.883962	3.892861
O	7.382510	3.740173	3.847368
Ti	8.755120	5.410053	3.841156
O	9.392007	4.996090	5.752314
O	7.400935	3.589727	8.075192
Ti	8.760899	5.049164	7.602137
O	10.551844	5.855173	8.255585
O	10.234045	3.280523	8.263831
O	10.191187	3.451576	3.811534
O	10.616644	6.114482	3.572407
O	12.271845	5.336338	6.337984
Ti	11.390408	4.894590	4.724211
O	12.887175	3.700647	4.234051
Ti	11.904191	4.348887	7.897729
O	13.637772	3.563913	8.476862
Ti	13.559286	1.708458	7.763190
Ti	12.906509	2.027648	4.955775
O	12.854513	-0.016985	8.228560
Ti	11.165756	-1.124902	7.842074
O	11.788896	-1.319587	6.040385
O	12.515916	0.642099	3.719441
Ti	11.168616	-0.862005	4.336943
O	11.982293	2.412329	6.692668

O	9.871307	0.198571	7.789276
Ti	8.824527	1.785437	7.907862
O	14.401450	1.527709	6.091114
O	8.612879	2.361389	6.103824
O	9.882824	0.468789	4.366197
Ti	8.761524	2.043394	4.286326
Ti	-5.698334	5.977768	4.383914
O	-6.159829	6.411122	6.161042
O	-7.491048	5.150243	8.549437
Ti	-5.777179	6.018308	7.958286
O	-4.487919	4.566460	4.253826
Ti	-3.116080	3.240445	4.083584
O	-2.918726	3.059005	5.957510
O	-4.520340	4.648995	7.977455
Ti	-3.134189	3.325649	7.783511
O	-1.687767	1.630236	8.202085
O	-1.620300	1.546700	3.739586
O	-1.349833	4.319815	3.757855
O	-1.457872	4.457219	8.139674
Ti	0.057521	2.682534	7.808974
O	-0.044346	2.856268	5.934421
Ti	0.114293	2.577221	4.092671
Ti	-10.464071	0.567188	5.107052
Ti	-9.949236	0.225502	8.064659
O	-9.729371	2.221023	4.521298
Ti	-8.344612	3.670816	4.759911
O	-9.023457	4.052261	6.478132
O	-9.844145	2.120192	8.781916
Ti	-8.448302	3.439765	8.165226
O	-9.053016	-0.425424	6.128665
O	-7.524900	5.288431	3.993908
O	-6.888070	2.536924	4.828949
Ti	-6.213336	0.820332	4.260275
O	-11.290901	0.834709	6.728860
O	-5.692517	0.343192	6.059358
O	-7.093010	2.214846	8.043437
Ti	-6.067383	0.539027	7.842010
Ti	-8.814345	-2.041283	4.461922
O	-10.660137	-1.225440	4.166043
O	-7.836361	-0.449776	8.274529
O	-7.450401	-3.300343	8.260654
O	-9.192897	-3.175867	5.895037
Ti	-8.752249	-2.271594	7.500250
O	-10.340830	-1.644683	8.330092
O	-7.149588	-1.019143	4.573096
O	-5.218748	-4.309844	3.553654
O	-4.709900	-4.829511	8.440088
O	-4.692726	-1.069948	8.286408
Ti	-5.496361	-3.029658	8.451312
O	-5.469987	-2.874161	6.429216
O	-4.314229	-1.531425	3.915673
Ti	-5.756850	-2.616206	4.654747

O	-7.508972	-3.379730	3.761578
O	-4.331030	1.560846	3.772932
O	-4.380853	1.708346	8.291803
O	-1.697326	-1.417409	8.263105
Ti	-2.922194	-0.028861	7.913058
O	-2.864673	0.048872	6.034128
O	-1.461301	-1.284610	3.730135
Ti	-2.867088	-0.073140	4.164540
O	1.407415	1.226633	3.901759
Ti	2.705624	-0.129675	4.079141
O	2.806610	-0.295599	5.959636
O	1.356594	1.312833	7.949356
Ti	2.585184	-0.103349	7.803518
O	4.036824	-1.867174	8.281135
O	4.161417	-1.894897	3.839525
O	4.382500	1.002131	3.755669
O	4.349235	0.923525	8.208007
O	10.097685	-2.706754	8.356748
Ti	8.316079	-3.593022	8.031616
O	8.845379	-3.953676	6.257492
O	10.182470	-2.519677	3.980435
Ti	8.505745	-3.494142	4.464228
O	7.274151	-5.172932	8.634251
O	7.021551	-2.256568	8.043184
Ti	5.766270	-0.818469	7.907347
O	5.669293	-0.433646	6.071130
O	7.253184	-2.114683	4.374401
Ti	5.848622	-0.826463	4.256349
Ti	-0.227050	-2.634730	4.063347
O	-0.344331	-2.769326	5.948765
Ti	-0.397480	-2.723656	7.790226
Ti	-3.419576	-5.019140	3.699023
O	-1.905236	-4.169101	8.048908
O	-2.292306	-6.867867	8.003098
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Ti	2.727751	-7.529703	4.632538
O	2.623926	-6.153803	5.972328
O	0.903050	-7.388227	3.770426
O	0.919605	-7.379679	8.302056
O	0.912636	-4.416990	8.315431
Ti	-0.482154	-6.104543	8.108849
O	-0.453897	-5.872391	6.123957
O	1.026175	-4.497701	3.808543
Ti	-0.371683	-5.928296	4.298254
O	-2.175417	-6.708720	3.684682
O	1.546671	-1.779239	3.700747
O	1.312446	-1.694871	8.201592
Ti	5.431753	-6.046080	8.222228

O	6.166155	-6.323846	6.469670
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Ti	5.843857	-5.872810	4.699887
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O	4.218455	-4.615270	8.185053
Ti	2.705793	-3.473607	7.849458
O	2.534031	-3.299088	6.008019
O	4.722534	-4.419564	4.546768
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O	-3.027154	8.748035	14.219469
Ti	-1.412554	9.747026	13.791207
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O	-0.107755	11.179547	9.406543
O	-0.251611	8.361018	9.863005
Ti	1.466017	7.456490	10.371967
O	1.522621	6.715449	12.138003
O	0.197678	8.686386	13.724118
Ti	1.335292	7.072160	13.956967
O	2.711691	5.344591	14.405906
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O	1.399963	12.007356	11.713481
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O	7.979668	9.179207	12.430803
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O	4.527239	6.617441	12.173358
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Ti	7.171490	3.924777	10.296703
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Ti	6.961392	3.580421	14.019888
O	8.460395	1.915892	14.415694
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Ti	10.059587	6.784560	10.016996
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O	11.955614	7.320347	9.950845
O	13.504824	6.731464	12.441608
Ti	13.104305	6.141912	10.749918
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Ti	12.578923	0.267500	10.393330
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Ti	10.307127	3.286790	10.503056
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O	-4.442472	-1.470662	12.507261
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Ti	3.992789	0.911757	14.062284
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O	15.265522	2.808247	19.936841
Ti	13.880392	1.358808	19.698579
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O	14.586322	5.454338	18.329136
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O	7.364194	-2.054481	16.737361
Ti	5.687067	-1.094491	16.658783
Ti	1.270620	11.858191	22.343332
O	1.200090	11.554410	24.215347
O	-0.412265	11.124618	26.758688
Ti	1.279948	11.590211	26.107581
O	2.192613	13.261303	26.219848
O	2.530677	13.393437	21.904315
O	2.505503	10.518872	21.713077
Ti	4.144648	9.907176	22.846654
O	4.101250	9.372294	24.728877
O	2.641100	10.590432	26.909373
Ti	4.051674	9.350584	26.552593
O	5.438355	7.801752	27.235368
O	5.504805	8.136926	22.636287
Ti	4.353289	13.393530	22.613093
O	4.087225	14.496132	24.157467
Ti	3.883581	13.131832	25.422168
O	4.043054	11.823136	23.892726
O	5.277858	12.938859	26.608612
O	6.172498	13.860345	22.329666
O	6.030374	10.773413	22.624777
Ti	7.460597	12.544766	22.652147
O	7.171685	12.131440	24.579993
O	5.836621	10.255643	26.950778
Ti	6.854320	11.846157	26.364689
O	8.385553	12.414549	27.420097
O	8.353109	10.092159	26.126783
O	8.772741	10.630378	22.957511
O	9.227581	13.352094	22.780761
O	10.527596	12.169721	25.276512
Ti	10.206509	11.917344	23.435261
Ti	9.702336	11.284767	26.676883
Ti	7.111978	8.546992	26.520012
O	7.071368	8.201256	24.693481
Ti	7.244983	9.117131	23.047052
O	-0.588372	11.428765	22.085917
O	8.886767	8.256325	22.346429
Ti	9.835250	6.643188	22.776300
O	9.518076	6.393432	24.680076
O	8.479639	7.547546	27.352315
Ti	9.508031	6.205583	26.531631
O	10.883056	4.600530	27.143385
O	11.185179	5.040222	22.125676
O	11.004244	10.069897	27.280860
O	11.606835	11.264148	22.493920
O	11.789079	7.372949	22.867305
Ti	12.297539	9.405371	22.397012

O	12.039300	9.261722	24.458913
O	11.422925	6.992340	26.528800
Ti	11.970187	8.828705	26.224895
O	13.738533	8.693515	27.015363
O	13.510336	6.561925	24.974361
O	14.580269	6.974786	22.275103
O	14.226556	9.932447	22.444955
O	15.646302	8.839620	24.757816
Ti	15.454856	8.696332	22.908085
O	17.041064	7.900645	22.349724
Ti	14.784027	7.668695	25.902084
O	16.083160	6.396633	26.370787
Ti	16.439753	5.028417	25.126029
Ti	16.567793	5.982755	22.313045
O	16.531007	3.401612	26.021799
Ti	14.775023	2.604842	25.868918
O	14.752608	2.558469	24.026061
O	16.602693	4.146112	21.514773
Ti	14.936942	3.190483	22.155159
O	15.081356	5.050143	23.648748
O	13.764975	4.055950	26.598276
Ti	12.347133	5.099750	25.971318
O	17.688525	5.558761	23.868643
O	11.960285	4.386413	24.292191
O	13.502624	4.324772	21.576322
Ti	12.972884	5.746301	23.032196
Ti	-1.546752	9.771323	22.554509
O	-1.736782	9.899857	24.459523
O	-3.067181	8.813946	26.819797
Ti	-1.396189	9.550321	26.254736
O	-0.223297	8.465132	22.578384
Ti	1.154248	7.180337	22.835451
O	1.216097	6.906775	24.735947
O	-0.150947	8.264814	26.797888
Ti	1.200249	6.934726	26.591659
O	2.595906	5.387876	27.349116
O	2.559212	5.435299	22.643231
O	2.847636	8.224478	22.591575
O	2.839825	7.895170	27.138535
Ti	4.273736	6.236685	26.774051
O	4.212062	6.312320	24.921248
Ti	4.305196	6.477017	23.018548
Ti	-6.304780	4.422653	22.924155
Ti	-5.710132	4.652238	25.685729
O	-5.969285	6.245399	22.194595
Ti	-4.251321	7.270705	22.619233
O	-4.581036	7.850247	24.386763
O	-5.327123	6.216878	26.633998
Ti	-3.865894	7.301111	26.021295
O	-4.674015	4.533990	24.102185
O	-3.293424	8.925880	22.157609
O	-2.874629	6.012627	22.708061

Ti	-1.816814	4.441104	22.735267
O	-7.264461	4.648213	24.563513
O	-0.598837	4.355491	24.362149
O	-2.482046	6.031497	26.046041
Ti	-1.280665	4.560836	26.087032
Ti	-4.517045	1.678617	22.805396
O	-6.195210	2.563483	22.635286
O	-2.642130	3.178342	25.891845
O	-2.882838	0.772716	27.037299
O	-4.674266	1.116286	24.616699
Ti	-4.037247	1.943360	26.135226
O	-5.438498	3.101012	26.716377
O	-3.214493	3.074337	22.461764
O	-0.356625	-1.164559	22.588532
O	-0.080188	-0.200847	27.324018
O	-0.176237	2.785133	26.944819
Ti	-1.090229	1.161912	26.412415
O	-0.930448	0.909519	24.570365
O	-0.439679	2.669732	22.566012
Ti	-1.030279	0.692126	22.629943
O	-3.025662	0.276633	22.566215
O	-0.090296	5.575206	22.337194
O	0.111860	5.346095	27.199558
O	2.784916	2.487159	27.552669
Ti	1.621404	3.749298	26.794655
O	1.867422	3.776648	24.978368
O	2.410300	2.409665	22.660639
Ti	1.251124	3.895692	23.115007
O	5.609727	5.163127	22.721488
Ti	6.930558	3.832818	22.962126
O	6.749742	3.667884	24.872572
O	5.507369	4.950650	27.366854
Ti	6.738160	3.685013	26.723912
O	8.221116	2.073425	27.255341
O	8.433681	2.150969	22.573688
O	8.652730	4.924296	22.632387
O	8.406052	4.681322	27.051517
O	14.135316	1.053805	26.683332
Ti	12.392824	0.368365	26.223513
O	12.691220	0.145317	24.400058
O	14.362755	1.322668	21.848529
Ti	12.643211	0.490430	22.515953
O	11.501723	-1.164652	26.905770
O	11.226566	1.731119	26.743975
Ti	9.790164	2.976978	26.576848
O	9.635841	3.066843	24.755636
O	11.486431	1.956287	22.498931
Ti	10.197725	3.320773	22.923216
Ti	3.843996	1.273598	22.980460
O	4.204223	1.578297	24.826246
Ti	4.043237	1.399451	26.657980
Ti	1.209520	-1.730659	23.391371

O	2.731649	-0.070106	26.431412
O	2.609162	-2.441446	27.584649
O	0.771203	-2.063935	25.174932
Ti	1.339634	-1.271787	26.777083
O	2.589788	-0.411453	22.929019
Ti	7.161732	-3.558680	25.861278
O	7.079846	-5.069467	24.666437
Ti	7.052274	-4.020777	23.087634
O	7.161605	-2.453360	24.318747
O	5.237795	-3.661663	22.596382
O	5.638369	-3.204932	26.877638
O	5.330617	-0.384766	27.159629
Ti	4.229539	-1.916050	26.663869
O	3.924780	-2.037842	24.816838
O	5.363734	-0.544424	22.614924
Ti	4.191671	-2.152443	22.931697
O	2.302587	-3.120640	22.653281
O	5.674364	2.181916	22.582441
O	5.728416	2.097864	27.390707
Ti	9.835790	-1.880580	26.339300
O	10.232092	-2.205991	24.553007
O	11.579276	-1.176356	22.253449
Ti	9.847226	-1.981732	22.703134
O	8.865795	-3.737985	22.370165
O	8.806329	-3.446309	26.758049
O	8.514466	-0.667769	26.916678
Ti	7.067251	0.530192	26.667711
O	6.967920	0.637387	24.829504
O	8.611135	-0.612222	22.588874
Ti	7.121910	0.540836	22.930386

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Ti	-4.258290	6.914055	-1.882141
O	-4.685741	7.220907	-0.100874
O	-6.109892	6.219971	2.210709
Ti	-4.375139	7.002921	1.766747
O	-3.391809	8.750769	2.087046
O	-3.233533	8.493335	-2.266784
O	-2.927134	5.716565	-2.469016
Ti	-1.471089	4.526298	-2.201698
O	-1.435810	4.413637	-0.362830
O	-3.143445	5.630522	1.874277
Ti	-1.629595	4.509362	1.537051
O	-0.206069	2.852818	1.870727
O	-0.121141	2.965039	-2.926990
Ti	-1.594892	8.609335	-1.364633
O	-1.539028	10.103604	-0.147829
Ti	-1.559549	9.036696	1.420598
O	-1.593226	7.488677	0.173342
O	0.241322	8.727809	2.024428
O	-0.086161	8.287087	-2.411777
O	0.249427	5.454116	-2.709630

Ti	1.312448	6.993064	-2.159401
O	1.491347	7.043558	-0.309862
O	0.099758	5.608604	1.891975
Ti	1.306154	7.219679	1.574556
O	3.182660	8.106090	1.807821
O	2.829156	5.401600	1.647243
O	2.855737	5.146994	-2.027255
O	2.988332	7.631683	-2.909328
O	4.740855	7.002567	-0.433852
Ti	4.219145	6.425424	-2.114623
Ti	4.372190	6.548870	1.382795
Ti	1.627202	3.714069	1.504857
O	1.341514	3.510395	-0.377722
Ti	1.564572	3.665133	-2.202166
O	-5.919409	6.205079	-2.474261
O	2.856324	2.576448	-3.076880
Ti	4.027963	1.272365	-2.412304
O	3.816175	1.249654	-0.598880
O	3.101794	2.606931	1.681979
Ti	4.369403	1.214606	1.284651
O	5.736034	-0.508269	1.978459
O	5.550165	-0.302899	-2.810219
O	6.010790	5.596940	1.612005
O	5.672163	5.407652	-2.792594
O	5.852774	2.243464	-2.596900
Ti	6.689317	3.906406	-2.277393
O	7.091165	3.896529	-0.462579
O	5.962591	2.463463	1.838504
Ti	7.111641	4.096530	1.473511
O	9.012295	4.821065	1.781664
O	8.590280	2.224879	1.856158
O	8.671282	1.357261	-1.735491
O	8.438310	3.936535	-3.074369
O	10.230197	3.904325	-0.462024
Ti	9.636500	3.008378	-1.971388
O	11.202443	2.018947	-2.425991
Ti	10.234095	3.231246	1.333994
O	11.980240	2.585913	1.744794
Ti	11.958204	0.686110	1.464568
Ti	11.019471	0.521544	-1.278711
O	11.487271	-1.135752	2.094436
Ti	9.832741	-2.286278	1.770239
O	10.203181	-2.938639	0.042121
O	10.588757	-1.092081	-2.102243
Ti	9.316414	-2.403159	-1.512323
O	10.214475	1.044696	0.475183
O	8.553776	-0.930626	1.569222
Ti	7.447226	0.594086	1.666734
O	12.650295	0.318355	-0.246756
O	6.310681	0.865582	0.008675
O	7.829218	-1.284371	-1.368071
Ti	6.970222	0.407960	-1.669372

Ti	-6.792070	4.667754	-1.789639
O	-7.111032	4.861123	0.029130
O	-8.891770	3.776516	2.531008
Ti	-7.141232	4.553259	1.932605
O	-5.617634	3.306564	-2.299969
Ti	-4.180663	2.063640	-2.117623
O	-4.073403	1.968293	-0.292979
O	-6.006576	3.062825	1.968543
Ti	-4.696230	1.728159	1.527979
O	-3.169953	0.111694	1.831503
O	-2.790866	0.352387	-2.565536
O	-2.614303	2.970643	-2.794551
O	-2.943514	2.885759	1.892396
Ti	-1.453185	1.195576	1.497958
O	-1.186917	1.379634	-0.408636
Ti	-1.129195	1.375208	-2.255761
Ti	-10.857377	0.008032	-0.838575
Ti	-11.048058	-0.935996	1.960879
O	-10.934583	1.641556	-1.724604
Ti	-9.185297	2.442538	-1.523831
O	-9.228027	2.508744	0.325366
O	-11.145763	0.925295	2.721657
Ti	-9.440677	1.920654	2.188560
O	-9.540503	-0.010577	0.672931
O	-8.524185	3.991993	-2.313529
O	-8.154624	0.990132	-2.212194
Ti	-6.748157	-0.051832	-1.553940
O	-12.138621	-0.535766	0.378829
O	-6.406044	0.673280	0.133395
O	-8.054084	0.748694	2.802978
Ti	-7.465203	-0.676649	1.368595
Ti	-9.181991	-2.634156	-1.530727
O	-10.462506	-1.369195	-2.063787
O	-9.057552	-1.914060	2.114477
O	-8.705470	-4.885534	2.000424
O	-10.049931	-3.800021	-0.384587
Ti	-9.902540	-3.643432	1.469601
O	-11.519348	-2.849077	1.943169
O	-7.932661	-1.513451	-0.581852
O	-5.386968	-5.022033	-2.794721
O	-6.025714	-6.180904	1.980104
O	-6.297904	-2.316397	1.576291
Ti	-6.783045	-4.340798	2.072970
O	-6.497246	-4.211837	0.009070
O	-5.831170	-1.950417	-2.081529
Ti	-6.375199	-3.784877	-1.755154
O	-8.116956	-3.673399	-2.606784
O	-5.267661	0.437166	-2.705113
O	-5.706506	0.008693	2.326584
O	-3.372998	-3.196041	2.105545
Ti	-4.349926	-1.590565	1.685229
O	-3.982149	-1.360456	-0.214976

O	-2.897125	-2.511848	-2.897606
Ti	-3.910023	-1.163495	-2.067065
O	0.123118	0.143773	-2.940477
Ti	1.349002	-1.153665	-2.365060
O	1.414555	-1.175259	-0.513663
O	-0.090994	-0.103729	1.698313
Ti	1.271446	-1.352697	1.385662
O	2.708312	-3.074511	1.797655
O	2.750831	-2.830233	-2.715119
O	3.048372	-0.348910	-2.992605
O	3.041152	-0.331979	1.733212
O	8.792329	-3.886433	2.255866
Ti	7.031375	-4.746387	1.918418
O	7.245925	-4.878024	0.021466
O	8.619804	-3.923129	-2.381294
Ti	6.918220	-4.580369	-1.797856
O	6.075502	-6.401482	2.539076
O	5.731253	-3.428884	1.891739
Ti	4.438747	-2.067779	1.529020
O	4.422348	-1.825171	-0.367573
O	5.703477	-3.296137	-2.429378
Ti	4.430998	-1.895217	-2.222834
Ti	-1.515871	-3.475506	-2.043770
O	-1.505852	-3.076093	-0.228608
Ti	-1.681559	-4.005836	1.411269
Ti	-4.091455	-6.222923	-2.163313
O	-3.187132	-5.546862	1.495453
O	-3.617039	-8.271938	1.728595
O	-4.931309	-7.116323	-0.775391
Ti	-4.614804	-6.850660	1.062771
O	-2.742729	-5.035929	-1.593676
Ti	1.319071	-8.264018	1.989222
O	1.344238	-9.382360	0.409191
Ti	1.634014	-8.049660	-0.850303
O	1.523733	-6.697302	0.647340
O	0.313065	-7.860509	-2.129118
O	-0.519446	-8.657798	2.376469
O	-0.460522	-5.652645	1.881312
Ti	-1.851513	-7.457173	1.863303
O	-1.537564	-7.088629	-0.063416
O	-0.259952	-5.176386	-2.472130
Ti	-1.250886	-6.777839	-1.856663
O	-2.781968	-7.355746	-2.905801
O	0.149341	-2.713707	-2.764207
O	0.062550	-3.022682	1.811840
Ti	4.191446	-6.773657	2.181495
O	4.367332	-6.275405	0.320435
O	5.958889	-6.162457	-2.256433
Ti	4.254795	-6.509600	-1.534149
O	3.355301	-8.186134	-1.576495
O	3.192007	-8.390813	2.330359
O	3.056268	-5.318322	2.785341

Ti	1.426241	-4.776272	1.616323
O	1.448159	-4.262170	-0.275376
O	2.922089	-5.534040	-2.423997
Ti	1.536173	-4.271369	-2.096286
Ti	-2.912465	8.423088	4.184267
O	-3.351142	8.924238	5.920912
O	-4.769941	7.582841	8.313600
Ti	-3.066184	8.384858	7.737077
O	-1.931481	10.027042	8.002279
O	-1.564059	9.849975	3.501764
O	-1.579620	7.106847	4.015149
Ti	-0.095598	5.886283	4.142513
O	0.146636	5.660526	5.963702
O	-1.835783	7.001264	7.750906
Ti	-0.176638	6.003897	7.801528
O	1.271009	4.203052	8.137950
O	1.351950	4.197749	3.677163
Ti	0.080903	9.907360	4.525556
O	-0.057634	11.355791	5.813197
Ti	-0.083346	10.240683	7.330946
O	-0.006210	8.750449	6.060482
O	1.770467	9.960804	8.064244
O	1.830761	10.026824	3.861451
O	1.670556	6.966844	3.709128
Ti	3.164836	8.675889	3.822590
O	3.206923	8.363616	5.749652
O	1.614407	7.041389	8.130630
Ti	3.009252	8.476882	7.591921
O	4.873176	9.282756	8.007066
O	4.432430	6.658088	7.965169
O	4.544674	6.687635	3.613540
O	5.035626	9.304367	3.621979
O	6.454921	8.064725	5.962145
Ti	6.055382	7.842560	4.173925
Ti	6.109047	7.645922	7.774466
Ti	3.023078	5.138087	7.772779
O	2.971772	5.463262	5.908297
Ti	3.042268	5.280544	4.071865
O	-4.634809	7.497629	3.908305
O	4.426318	4.006416	3.859278
Ti	5.694844	2.654697	4.007620
O	5.956851	2.420931	5.852729
O	4.243689	3.711096	7.866819
Ti	5.586375	2.395661	7.697447
O	7.072110	0.681134	8.108448
O	7.237122	0.905094	3.758257
O	7.625367	6.516973	7.939019
O	7.627302	7.053036	3.491032
O	7.456549	3.830496	3.661930
Ti	8.782499	5.563736	3.705703
O	8.851096	5.185316	5.619286
O	7.358958	3.526675	8.009171

Ti	8.694976	5.002938	7.483487
O	10.508275	5.759175	8.113460
O	10.202158	3.209883	8.125193
O	10.400351	3.388885	3.680999
O	10.700559	6.128466	3.598095
O	12.111965	5.150348	6.101972
Ti	11.663182	4.748815	4.342452
O	13.261625	3.660382	4.058826
Ti	11.850488	4.254777	7.756477
O	13.656112	3.478700	8.242509
Ti	13.584775	1.600963	7.613986
Ti	13.082979	1.985531	4.809585
O	12.904434	-0.114933	8.141639
Ti	11.191256	-1.140958	7.745214
O	11.774854	-1.233938	5.905768
O	12.653664	0.613331	3.560859
Ti	11.182777	-0.799425	4.194415
O	12.059233	2.305526	6.471802
O	9.880634	0.169975	7.706976
Ti	8.781658	1.718697	7.787461
O	14.506542	1.410205	5.975256
O	8.797022	2.424460	6.000283
O	9.937730	0.548333	4.119467
Ti	8.838440	2.176140	4.177497
Ti	-5.768970	5.960802	4.422167
O	-6.169632	6.305708	6.230349
O	-7.536507	5.095372	8.686735
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O	-4.549615	4.556053	4.247257
Ti	-3.167925	3.241006	4.098067
O	-2.979425	3.003070	5.970285
O	-4.534510	4.550490	8.031784
Ti	-3.144979	3.231523	7.810111
O	-1.703445	1.514250	8.213322
O	-1.673954	1.539695	3.748089
O	-1.416092	4.302899	3.766952
O	-1.460912	4.336251	8.167492
Ti	0.061240	2.542490	7.828660
O	-0.052796	2.715942	5.952753
Ti	0.049256	2.573905	4.098187
Ti	-10.657396	0.648759	4.828355
Ti	-10.047808	0.287700	7.620558
O	-9.942303	2.366654	4.369531
Ti	-8.476029	3.710587	4.750329
O	-8.950036	4.078256	6.507585
O	-9.834869	1.984078	8.296921
Ti	-8.439305	3.358848	8.223143
O	-9.126624	-0.140697	5.852759
O	-7.593938	5.303406	3.987901
O	-7.028818	2.554743	4.771747
Ti	-6.285773	0.883423	4.219440
O	-11.579787	0.693874	6.416752

O	-5.716166	0.436917	6.023871
O	-7.012499	2.186824	8.154544
Ti	-6.047480	0.525771	7.815547
Ti	-8.849608	-1.925912	4.415211
O	-10.713299	-1.199650	3.997156
O	-7.780601	-0.589451	8.179671
O	-7.547289	-3.434136	8.452531
O	-9.198533	-2.997780	5.934163
Ti	-8.704708	-2.342916	7.609668
O	-10.252171	-1.479044	8.336765
O	-7.154692	-0.967585	4.551754
O	-5.269620	-4.259663	3.574153
O	-4.827801	-4.884777	8.408623
O	-4.754429	-1.133471	8.289531
Ti	-5.537551	-3.074776	8.502940
O	-5.663906	-2.853277	6.486658
O	-4.352394	-1.553791	3.925842
Ti	-5.823562	-2.592588	4.686637
O	-7.579625	-3.322592	3.762384
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O	-1.723547	-1.546475	8.288619
Ti	-2.946871	-0.154554	7.953648
O	-2.923877	-0.048498	6.066463
O	-1.468698	-1.205928	3.718066
Ti	-2.933476	-0.072810	4.194830
O	1.448962	1.340519	3.780980
Ti	2.768320	0.007233	3.971902
O	2.787358	-0.182659	5.850113
O	1.305922	1.131279	7.976814
Ti	2.580423	-0.252099	7.700447
O	4.009976	-2.001098	8.146701
O	4.224086	-1.787233	3.724089
O	4.516261	1.006642	3.651860
O	4.316407	0.820835	8.095215
O	10.214116	-2.738089	8.255722
Ti	8.433332	-3.616139	7.969526
O	8.940826	-3.944075	6.167741
O	10.257530	-2.512104	3.865452
Ti	8.550550	-3.434175	4.411888
O	7.401125	-5.200345	8.517689
O	7.134736	-2.278636	7.889609
Ti	5.746971	-0.971221	7.836603
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Ti	5.926261	-0.728203	4.182776
Ti	-0.194707	-2.521653	4.021253
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Ti	-0.433232	-2.847754	7.724764
Ti	-3.428259	-4.911778	3.658985
O	-1.992928	-4.256666	8.012264
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Ti	-3.440849	-5.457740	7.341953
O	-1.621899	-4.051998	3.725865
Ti	2.405430	-7.179670	8.031115
O	2.533190	-8.328219	6.467797
Ti	2.604985	-6.993059	5.177064
O	2.558498	-5.693433	6.638221
O	1.123024	-7.195153	3.899713
O	0.583632	-7.607876	8.372539
O	0.811792	-4.536982	8.198383
Ti	-0.657892	-6.236585	8.073189
O	-0.426717	-5.917326	6.091009
O	1.062269	-4.405927	3.831386
Ti	-0.383966	-5.807736	4.277255
O	-2.180250	-6.598437	3.709172
O	1.564955	-1.644741	3.638924
O	1.302971	-1.844164	8.111042
Ti	5.614184	-5.967190	8.196180
O	6.056424	-6.455512	6.431372
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Ti	5.797901	-5.778741	4.689986
O	4.323456	-7.157146	4.378764
O	4.202280	-7.384977	8.785377
O	4.359818	-4.600583	8.230012
Ti	2.680075	-3.665202	7.695055
O	2.506798	-3.162082	5.882718
O	4.711365	-4.306222	4.640910
Ti	2.997009	-3.446616	4.065756
Ti	-1.470131	9.719742	10.112599
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Ti	-1.458194	9.788615	13.786949
O	-0.139981	11.319093	14.146521
O	-0.135030	11.092188	9.331009
O	-0.299726	8.295102	9.932596
Ti	1.440223	7.405633	10.348963
O	1.536949	6.680571	12.112840
O	0.163208	8.720219	13.693908
Ti	1.313380	7.122852	13.907635
O	2.717028	5.410741	14.351748
O	2.830359	5.586240	9.943353
Ti	1.682093	10.883715	10.098209
O	1.343298	11.977216	11.612553
Ti	1.331907	10.652752	12.975229
O	1.545636	9.355876	11.388258
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O	3.508584	11.314883	9.767471
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Ti	4.795154	9.962026	9.962945
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Ti	4.513557	9.653481	13.738258

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O	8.015529	9.311995	12.350411
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O	4.535939	6.738233	12.161055
Ti	4.578978	6.584098	10.319659
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Ti	7.022766	3.643354	13.894150
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O	8.901780	4.871785	9.875627
Ti	9.958894	6.690677	9.894642
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Ti	10.030879	6.298390	13.698493
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O	11.877400	7.055238	9.929665
O	13.579198	6.867749	12.331252
Ti	13.104526	5.972079	10.768112
O	14.672413	5.211493	10.012224
Ti	13.180171	5.757122	13.814041
O	14.948437	4.863582	14.179078
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Ti	14.116217	3.411119	10.386774
O	13.847943	1.450764	13.976115
Ti	12.399701	0.043957	13.790515
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O	14.043643	1.504520	9.706171
Ti	12.588834	0.212733	10.326648
O	13.251276	4.149205	12.251164
O	11.052495	1.322617	13.705638
Ti	10.217494	3.020170	13.964604
O	15.419217	2.744777	11.722095
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O	11.291435	1.519926	10.369635
Ti	10.269306	3.194678	10.375192
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Ti	-1.789259	4.504180	14.022194
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O	0.084985	5.727182	9.955336
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Ti	1.439890	3.793756	14.068504
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Ti	1.549235	4.005318	10.374135
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Ti	-8.548550	1.619683	14.323282
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O	-8.907015	-0.294585	14.518067
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O	-3.713688	-2.932520	9.905909
O	-3.347242	-3.631545	14.722797
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Ti	-4.160577	-1.851804	14.622729
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Ti	-1.584957	1.166680	14.144916
O	-1.671870	1.398595	12.287206
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Ti	3.986723	1.040309	13.971345
O	5.424060	-0.691604	14.460358
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O	5.855176	2.178173	9.902379
O	5.751495	2.058129	14.340673
O	11.490148	-1.596723	14.446229
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O	10.163718	-2.666542	12.280278
O	11.622498	-1.447548	9.881105
Ti	9.883958	-2.259555	10.449597
O	8.704575	-4.035019	14.737708
O	8.383267	-1.132907	14.215920
Ti	7.178162	0.335339	14.045130
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O	8.660764	-0.868957	10.292345
Ti	7.264858	0.455196	10.339904
Ti	1.086073	-1.424057	10.284666
O	1.070842	-1.747998	12.154389
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O	-0.878254	-5.729175	14.348915
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Ti	-1.961053	-4.348851	13.740992
O	-0.362624	-2.935374	10.137246
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Ti	4.048182	-6.542241	10.794544
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O	2.448784	-3.295078	9.961354
Ti	1.037277	-4.710677	10.505959
O	-0.809520	-5.536564	10.004937
O	2.855348	-0.485706	9.965300
O	2.669484	-0.515866	14.380933
Ti	6.843943	-4.851217	14.315756
O	7.456807	-5.037616	12.497039
O	8.834440	-3.890069	10.112790
Ti	7.093657	-4.675081	10.700495
O	5.949742	-6.298342	10.297027
O	5.634896	-6.368812	14.374766
O	5.597274	-3.443280	14.314020
Ti	4.085944	-2.297886	14.074230
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Ti	0.082281	11.139820	16.258084
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O	1.327498	9.730645	16.260215
Ti	2.838176	8.584558	16.499224
O	3.018208	8.324091	18.345362
O	1.048582	9.571691	20.097870
Ti	2.686306	8.562272	20.200301
O	4.069341	6.771489	20.607683
O	4.254559	6.802712	16.192866
Ti	2.951215	12.606127	17.001755
O	3.023337	14.019482	18.348466
Ti	2.879139	12.829563	19.778716
O	2.934432	11.378619	18.496885
O	4.685008	12.508930	20.587879
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Ti	5.983957	11.229870	16.259876
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Ti	5.888684	10.995650	20.067615
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O	9.361403	10.696409	18.622425
Ti	8.885601	10.634106	16.834558
Ti	8.994756	10.186983	20.405695
Ti	5.838189	7.710154	20.289043
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Ti	8.345594	4.949240	20.147450
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Ti	11.086637	8.137260	15.953933
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O	10.059391	6.155571	20.374342
Ti	11.373652	7.561434	19.752236
O	13.149231	8.455851	20.342937
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O	13.034460	8.554815	16.097644
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Ti	14.281103	7.383961	16.747314
O	15.832400	6.579612	16.056624
Ti	14.515607	6.966031	20.227024
O	16.015440	5.773989	20.116055
Ti	15.830433	4.232612	19.052985
Ti	15.475075	4.665342	16.252353
O	15.642434	2.693908	20.176743
Ti	13.979468	1.487406	19.807631
O	14.465957	1.189821	17.991998
O	15.321993	2.800060	15.461887
Ti	13.874172	1.622252	16.235332
O	14.335933	4.529136	17.929662
O	12.619487	2.763301	19.851480
Ti	11.536818	4.304713	20.092804
O	16.904524	4.202130	17.517918
O	11.480379	5.044301	18.323626
O	12.468574	2.803645	16.322021
Ti	11.683982	4.584368	16.527757
Ti	-2.776865	8.731723	16.474344
O	-3.238405	8.954933	18.293386
O	-4.695682	7.734726	20.693018
Ti	-2.957813	8.547657	20.124081
O	-1.458534	7.421471	16.359651
Ti	-0.254668	5.951464	16.529048
O	-0.152401	5.690161	18.381728
O	-1.735154	7.156478	20.282380
Ti	-0.340151	5.831788	20.233876
O	1.069254	4.109194	20.672065
O	1.172470	4.228777	16.232625
O	1.500446	6.977794	16.114306
O	1.371262	6.913643	20.600519
Ti	2.869783	5.102228	20.308213
O	2.718865	5.367377	18.445320
Ti	2.937418	5.246382	16.602511
Ti	-7.724910	3.220571	17.208332
Ti	-7.191838	2.875767	20.188856
O	-6.919102	4.833950	16.598277
Ti	-5.473013	6.243382	16.784728
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O	-7.117292	4.783117	20.867918
Ti	-5.662307	6.074453	20.247138
O	-6.326228	2.135647	18.324259
O	-4.564078	7.884223	16.128126
O	-4.126504	4.964381	16.869982
Ti	-3.293749	3.265801	16.609252
O	-8.493432	3.542510	18.852648
O	-3.224686	2.635970	18.410369
O	-4.365160	4.767440	20.202407
Ti	-3.345083	3.091408	20.198315
Ti	-6.255458	0.528514	16.760988

O	-8.023858	1.422163	16.396375
O	-5.132996	2.059123	20.562350
O	-4.952757	-0.766863	20.644849
O	-6.655271	-0.582436	18.243610
Ti	-6.181193	0.314734	19.806276
O	-7.749286	1.075298	20.561998
O	-4.635429	1.693876	16.381167
O	-2.285019	-1.662322	16.083557
O	-2.108861	-2.057156	20.925909
O	-1.977244	1.415248	20.698690
Ti	-3.034042	-0.403534	20.680006
O	-2.945809	-0.205518	18.706109
O	-1.787072	1.453633	16.374025
Ti	-3.106024	-0.011213	16.876192
O	-4.874633	-0.901649	16.361252
O	-1.555721	4.323772	16.252909
O	-1.661257	4.228614	20.642591
O	1.118299	1.131412	20.567750
Ti	-0.194072	2.450225	20.391300
O	-0.329723	2.715194	18.528778
O	1.284251	1.377587	16.436068
Ti	-0.098343	2.643688	16.679697
O	4.200524	3.858547	16.389371
Ti	5.484665	2.492835	16.505314
O	5.687409	2.369121	18.357455
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Ti	5.376175	2.281845	20.199997
O	6.839220	0.561007	20.619215
O	7.031923	0.601039	16.223669
O	7.268241	3.459790	16.108848
O	7.112853	3.352975	20.571756
O	12.984366	-0.117596	20.361176
Ti	11.247803	-1.053737	20.111072
O	11.693724	-1.459960	18.304842
O	13.000985	-0.132049	15.864695
Ti	11.283205	-0.980793	16.537063
O	10.199355	-2.649698	20.678702
O	9.931408	0.259938	20.178832
Ti	8.567209	1.604080	20.239554
O	8.489503	1.936722	18.382189
O	10.089197	0.438337	16.466534
Ti	8.713170	1.781967	16.552232
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O	2.387588	-0.451350	18.412980
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Ti	-0.678134	-2.667120	16.416971
O	0.749818	-1.638603	20.633273
O	0.253902	-4.325564	20.685394
O	-1.090565	-3.026145	18.223524
Ti	-0.687522	-2.872280	20.031099
O	0.980415	-1.613536	16.336522
Ti	5.243271	-4.595513	20.475815

O	5.581049	-5.688884	18.958690
Ti	5.594132	-4.365305	17.598237
O	5.379907	-3.067642	19.185830
O	3.974717	-4.498967	16.711412
O	3.416718	-5.027811	20.805605
O	3.618766	-1.997368	20.727070
Ti	2.130223	-3.675095	20.610345
O	2.104015	-3.332265	18.672336
O	3.812750	-1.862206	16.308664
Ti	2.410541	-3.366934	16.835116
O	0.649394	-4.257558	16.270160
O	4.206592	0.876305	16.221871
O	4.094206	0.701331	20.631094
Ti	8.396293	-3.431005	20.460739
O	8.624830	-3.923227	18.623067
O	9.989011	-2.519266	16.339309
Ti	8.383763	-3.500421	16.787019
O	7.065417	-5.030924	16.427818
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O	7.225113	-2.006603	20.641702
Ti	5.484556	-1.117920	20.225407
O	5.385949	-0.392230	18.461343
O	6.761483	-2.433116	16.881292
Ti	5.610358	-0.836147	16.666975
Ti	1.312749	12.255537	22.377193
O	0.869554	12.744945	24.141634
O	-0.600632	11.377144	26.510479
Ti	1.127378	12.067480	25.882726
O	2.602420	13.445374	26.194021
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O	2.565583	10.887985	22.344721
Ti	4.244758	9.951848	22.878874
O	4.417226	9.448155	24.691072
O	2.213375	10.594280	25.932635
Ti	3.926740	9.733302	26.507814
O	5.358851	7.931518	26.935579
O	5.622318	8.130601	22.462502
Ti	4.521707	13.466153	22.542513
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Ti	4.317507	13.279721	25.396534
O	4.367150	11.980119	23.935581
O	5.803341	13.481602	26.673409
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O	6.113248	10.822490	22.376106
Ti	7.583947	12.522432	22.500260
O	7.351382	12.201838	24.482219
O	5.862917	10.691880	26.742199
Ti	7.309041	12.092896	26.295897
O	9.105143	12.884543	26.863618
O	8.546858	10.337444	26.847546
O	8.917613	10.543822	22.563021
O	9.392649	13.237283	22.699544

O	10.634529	11.522073	25.044351
Ti	10.366701	11.743828	23.232801
Ti	10.353349	11.197828	26.915636
Ti	7.119180	8.807111	26.553718
O	7.354682	9.059689	24.683899
Ti	7.358223	9.133754	22.849787
O	-0.474990	11.489675	22.055907
O	8.653527	7.838220	22.281920
Ti	9.872160	6.442034	22.620252
O	9.845853	6.336861	24.507307
O	8.393831	7.492259	26.858967
Ti	9.857602	6.358984	26.379248
O	11.300037	4.729215	26.805818
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O	11.680879	7.419724	22.284297
Ti	12.465132	9.362364	22.072920
O	12.589308	9.138943	24.088390
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Ti	12.748792	8.877656	25.888482
O	14.504728	9.608038	26.812525
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O	14.706533	6.876327	22.396454
O	14.474195	9.722903	22.124955
O	16.124525	9.283466	24.641513
Ti	15.631287	8.629852	22.965618
O	17.178101	7.765628	22.238570
Ti	15.775116	8.211473	26.160153
O	17.639281	7.486250	26.578130
Ti	17.584600	5.638391	25.746864
Ti	16.973774	5.998849	22.954823
O	16.869050	3.920719	26.206457
Ti	15.402711	2.577473	25.826010
O	15.876849	2.209630	24.068830
O	16.761900	4.302169	22.278963
Ti	15.366217	2.927670	22.352809
O	16.052877	6.426244	24.722976
O	13.954424	3.732135	25.803888
Ti	13.210194	5.402733	26.356559
O	18.506434	5.593804	24.157924
O	12.641013	5.848419	24.551364
O	13.939609	4.100429	22.420423
Ti	12.973226	5.760342	22.759931
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O	-2.016015	10.234033	24.405580
O	-3.331520	8.799793	26.706579
Ti	-1.625096	9.722933	26.160622
O	-0.209720	8.567043	22.685442
Ti	1.177407	7.258315	22.737374
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O	2.914875	8.287569	22.427183
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Ti	4.155969	6.279386	26.602225
O	4.140330	6.469178	24.723873
Ti	4.344138	6.539071	22.873497
Ti	-6.659369	4.686609	22.960422
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Ti	-4.264716	7.428955	22.828786
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Ti	-4.738373	1.538130	26.231178
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O	-0.701902	-0.768418	27.084056
O	-0.531518	2.454329	26.909825
Ti	-1.857034	0.720819	26.868448
O	-1.927320	1.098472	24.955616
O	-0.433708	2.760043	22.564307
Ti	-1.770836	1.285577	23.091603
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O	-0.313962	5.381312	26.814739
O	2.499633	2.282211	26.712018
Ti	1.228653	3.632206	26.565100
O	0.964698	3.866650	24.720358
O	2.682729	2.576813	22.709665
Ti	1.338223	3.890850	22.876304
O	5.619253	5.156320	22.595384
Ti	6.863512	3.745143	22.745866
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O	5.474323	4.945364	26.794527
Ti	6.874549	3.712828	26.476598
O	8.339786	1.983671	26.807628

O	8.385079	1.951020	22.407749
O	8.628329	4.773638	22.361386
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Ti	12.743705	0.391341	22.531270
O	11.560406	-1.208393	26.665697
O	11.475437	1.732936	26.326764
Ti	10.091580	3.045528	26.476912
O	9.902405	3.283550	24.604746
O	11.459341	1.736720	22.543950
Ti	10.069532	3.055419	22.765070
Ti	3.902220	1.148832	22.801694
O	3.952947	0.819972	24.665677
Ti	3.881566	1.006046	26.501643
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O	1.889566	-3.017465	26.952277
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O	2.493000	-0.371357	22.608224
Ti	6.845814	-3.619391	26.046693
O	6.985203	-5.068130	24.760509
Ti	7.008790	-3.953464	23.241487
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Ti	3.760522	-2.389144	26.751505
O	3.718291	-2.078805	24.824090
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Ti	3.915455	-2.190701	22.981724
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O	5.653507	2.084374	22.437138
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O	10.274868	-2.636034	24.653512
O	11.695495	-1.294782	22.262027
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Ti	7.019527	0.400287	26.432287
O	6.777408	0.625449	24.610770
O	8.760848	-0.713551	22.822287
Ti	7.101027	0.282876	22.772998
Ti	2.734458	13.062590	28.391171
O	2.558837	12.564193	30.252391
O	0.967805	12.453932	32.829494
Ti	2.672210	12.799582	32.106079

O	3.571472	14.476101	32.148348
O	3.734648	14.679469	28.242170
O	3.868394	11.605912	27.787755
Ti	5.497893	11.063240	28.956870
O	5.476975	10.548595	30.848394
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Ti	5.389202	10.559102	32.669435
O	6.775935	9.002859	33.339614
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Ti	5.607146	14.551473	28.583396
O	5.582531	15.670390	30.163387
Ti	5.292974	14.337866	31.422979
O	5.402067	12.984828	29.925597
O	6.613696	14.149133	32.702364
O	7.445643	14.945018	28.196370
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Ti	8.776959	13.743405	28.709243
O	8.463289	13.375002	30.636193
O	7.185623	11.464811	33.045448
Ti	8.176606	13.065495	32.429889
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O	9.668903	11.323108	32.168988
O	10.112047	11.833166	29.077762
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O	11.856884	13.403533	31.348159
Ti	11.540182	13.136915	29.510454
Ti	11.017434	12.511123	32.736926
Ti	8.441308	9.763235	32.618310
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Ti	8.605672	10.291935	29.161881
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Ti	11.274357	7.876532	28.889760
O	10.906800	7.647737	30.790276
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Ti	10.835703	7.451579	32.642403
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O	12.312911	11.310665	33.368796
O	12.950933	12.467790	28.592982
O	13.222160	8.602830	28.997721
Ti	13.707944	10.627291	28.501141
O	13.422020	10.499116	30.564692
O	12.756850	8.238778	32.656174
Ti	13.300380	10.073054	32.329247
O	15.042199	9.962407	33.180711
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O	15.982568	8.201000	28.460192
O	15.630144	11.173243	28.573676
O	16.975286	10.088687	30.958618
Ti	16.826991	9.930576	29.104474
O	18.444249	9.137399	28.631093

Ti	16.107551	8.923304	32.104919
O	17.387957	7.657774	32.638805
Ti	17.783392	6.282527	31.413941
Ti	17.973707	7.224217	28.614344
O	17.861211	4.647385	32.301034
Ti	16.111638	3.846354	32.099478
O	16.154299	3.780491	30.250641
O	18.072018	5.361577	27.853959
Ti	16.366633	4.367662	28.387122
O	16.466619	6.297738	29.902463
O	15.080640	5.298480	32.788471
Ti	13.674174	6.340853	32.129514
O	19.064359	6.823922	30.196805
O	13.331691	5.614781	30.442724
O	14.979238	5.538371	27.772679
Ti	14.390152	6.963766	29.206607
Ti	-0.106297	11.034715	28.654588
O	-0.319685	11.168799	30.551648
O	-1.691998	10.213812	32.954248
Ti	0.009158	10.872071	32.370364
O	1.191718	9.715837	28.680729
Ti	2.484419	8.354333	29.043588
O	2.502649	8.114118	30.939989
O	1.224588	9.587816	33.001710
Ti	2.493789	8.183556	32.795332
O	3.876083	6.637112	33.565156
O	3.882259	6.618633	28.840001
O	4.214608	9.361776	28.775872
O	4.174397	9.118266	33.288387
Ti	5.576349	7.441686	32.939964
O	5.511595	7.463557	31.088304
Ti	5.651149	7.639817	29.188753
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Ti	-2.906861	8.574678	28.802281
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Ti	-2.387352	8.693811	32.084860
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O	0.611899	5.419854	30.564903
O	-0.898430	7.576244	31.939480
Ti	-0.047328	5.880540	32.241773
Ti	-3.308656	3.055387	29.237464
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O	-1.753735	4.935579	32.301278
O	-1.509848	2.353955	33.648531
O	-3.302412	2.380450	31.033438

Ti	-2.709341	3.275743	32.542256
O	-4.274925	4.264428	32.997167
O	-1.661752	4.057478	28.713482
O	0.913172	0.690245	28.961938
O	1.255793	0.879861	33.365324
O	1.069127	4.046080	33.168780
Ti	0.238588	2.380427	32.849850
O	-0.167086	2.391310	31.036265
O	0.962264	3.822463	28.734234
Ti	-0.187635	2.190426	29.099398
O	-2.088015	1.464037	28.791266
O	1.187298	6.793980	28.594826
O	1.373518	6.591521	33.382067
O	4.066671	3.711849	33.647937
Ti	2.895646	5.016710	32.983677
O	3.107826	5.038624	31.170782
O	3.822395	3.678554	28.892533
Ti	2.554419	5.071463	29.287239
O	7.013427	6.390299	28.876199
Ti	8.376578	5.092107	29.076635
O	8.112958	4.908330	30.983378
O	6.802699	6.144720	33.515248
Ti	8.055328	4.913224	32.830443
O	9.539978	3.318304	33.369730
O	9.867386	3.401724	28.682386
O	10.094387	6.174526	28.744104
O	9.717272	5.935456	33.141186
O	15.451513	2.296784	32.888525
Ti	13.719246	1.622604	32.365662
O	14.037036	1.428080	30.546536
O	15.817785	2.511431	28.045097
Ti	14.067229	1.735210	28.642975
O	12.846110	0.083565	33.050156
O	12.544160	2.981449	32.876828
Ti	11.107437	4.224261	32.693548
O	11.000311	4.319125	30.868884
O	12.932113	3.225047	28.606121
Ti	11.619938	4.558086	29.046858
Ti	5.297241	2.572017	29.069124
O	5.585586	2.777006	30.951322
Ti	5.360895	2.623987	32.775545
Ti	2.551434	-0.262346	29.190873
O	4.070875	1.140860	32.600534
O	3.939190	-1.344342	33.483862
O	2.184320	-0.715671	31.007927
Ti	2.709094	-0.138756	32.687775
O	4.094166	0.884964	28.926929
Ti	8.522760	-2.319923	31.939241
O	8.467241	-3.814274	30.722938
Ti	8.485741	-2.747606	29.154044
O	8.519616	-1.199363	30.401460
O	6.683792	-2.439551	28.554430

O	7.013785	-1.998071	32.986609
O	6.677271	0.834995	33.285150
Ti	5.615054	-0.704685	32.734688
O	5.434062	-0.755681	30.885355
O	6.823770	0.678841	28.683208
Ti	5.617304	-0.932582	29.000835
O	3.740748	-1.819548	28.766532
O	7.130902	3.434106	28.704121
O	7.046093	3.324018	33.501505
Ti	11.184650	-0.623821	32.457818
O	11.610601	-0.928791	30.675719
O	13.036021	0.068497	28.364825
Ti	11.300749	-0.713416	28.807663
O	10.318152	-2.461734	28.487044
O	10.161331	-2.203912	32.841598
O	9.853191	0.572283	33.045951
Ti	8.396883	1.761900	32.777402
O	8.361574	1.873029	30.938124
O	10.068782	0.658312	28.697959
Ti	8.553700	1.777536	29.038264

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O	1.273831	0.567986	2.134037
O	1.213424	0.454150	-2.644366
O	3.066380	4.034801	1.387489
O	2.983115	3.763754	-1.692006
O	4.299615	6.291346	-0.412591
Ti	3.876803	5.403245	-1.991736
Ti	3.981543	5.711255	1.335770
Ti	2.468355	2.150485	1.520549
O	2.438521	1.428908	-0.209831
Ti	2.428332	1.878116	-2.018468
O	-2.432824	-6.476666	2.196855
O	0.816505	-5.723530	-2.608159
O	0.500929	-6.118436	1.962937
O	-0.490983	-3.049767	2.001811
Ti	-0.981303	-4.977399	1.733027
O	-0.898255	-4.999492	-0.180606
O	-0.460430	-3.024403	-2.497231
Ti	-0.823631	-4.903839	-2.042146
O	-2.122989	-6.175367	-2.758436
O	2.309775	-2.232380	2.184574
Ti	0.714672	-1.406004	1.676334
O	0.773672	-1.429729	-0.231262
O	2.356616	-2.095930	-2.792239
Ti	0.742874	-1.434167	-2.103117
O	4.031088	1.426018	-2.866195
Ti	5.587666	0.764543	-2.049209
O	5.546219	0.792324	-0.175002
O	4.075093	1.571221	2.246722
Ti	5.663282	0.670707	1.730659
O	7.681078	-0.275624	2.152858

O	7.452758	-0.213287	-2.556184
O	5.601961	5.527027	2.246010
O	5.522014	4.926412	-2.719979
O	6.812345	2.319722	-2.383522
Ti	7.092654	4.219758	-1.903014
O	7.026912	4.339858	-0.052371
O	6.798629	2.428495	2.079566
Ti	7.197938	4.576982	1.909705
O	8.558175	6.015160	2.004801
O	9.259209	3.418187	1.512856
O	9.195660	3.116231	-1.830864
O	8.400840	5.461626	-2.693042
O	10.246043	5.798475	-0.455668
Ti	9.990028	4.804155	-2.002075
O	11.793158	4.300196	-2.454114
Ti	10.023706	5.185983	1.299046
O	11.798396	5.041307	1.952892
Ti	12.486535	3.364302	1.463997
Ti	12.573099	3.031752	-1.335155
O	13.066155	1.831312	2.515557
Ti	12.068594	0.085323	1.918024
O	12.250639	-0.146904	0.069038
O	13.045891	1.438667	-2.159411
Ti	11.897096	-0.066039	-1.802768
O	11.326157	2.646815	0.109660
O	12.159679	-1.833043	2.323319
O	10.385204	0.725942	2.288920
Ti	8.709644	1.526174	1.709595
O	13.736803	3.651682	0.057124
O	8.526175	0.882231	-0.044654
O	10.292816	0.592317	-2.446974
Ti	8.602188	1.211174	-1.851408
Ti	3.944250	-2.541442	-1.901509
O	3.977906	-2.353305	-0.058885
Ti	4.067878	-2.759625	1.790383
Ti	2.477176	-6.106193	-1.868766
O	3.397877	-4.746262	1.904796
O	4.026277	-7.402211	2.042882
O	2.244964	-6.820832	-0.159663
Ti	2.332160	-6.353866	1.671308
O	3.367843	-4.438614	-1.694808
Ti	8.808013	-6.043796	1.425369
O	9.153559	-7.069330	-0.102145
Ti	8.646292	-5.687749	-1.347375
O	8.166293	-4.639581	0.226536
O	7.162450	-6.009552	-2.390579
O	7.081186	-6.813687	2.160796
O	5.922452	-3.985869	2.070307
Ti	5.387431	-5.915362	1.726261
O	5.335992	-5.815832	-0.128312
O	5.796137	-3.610406	-2.451124
Ti	5.341286	-5.490175	-1.994546

O	4.070634	-6.743351	-2.710568
O	5.153387	-1.131907	-2.507301
O	5.372367	-1.281153	2.104865
Ti	10.899789	-3.250241	1.651049
O	11.319926	-3.349587	-0.165515
O	11.804404	-1.825794	-2.462583
Ti	10.575532	-3.164057	-1.881077
O	10.148443	-4.999474	-2.219671
O	10.494224	-5.194478	1.950738
O	9.303016	-2.361162	1.734826
Ti	7.343660	-2.460615	1.795317
O	6.947612	-2.157240	-0.085776
O	8.856681	-2.546590	-2.237176
Ti	7.015436	-2.086665	-1.909211
Ti	-10.287708	3.054710	-1.779306
O	-10.450910	2.981372	0.125326
O	-12.069496	2.040928	2.215184
Ti	-10.559363	3.261993	1.981201
O	-10.072267	5.133896	2.508286
O	-10.001783	4.923057	-1.869245
O	-8.669415	2.572411	-2.571704
Ti	-6.930187	2.005628	-2.061167
O	-7.057364	2.009182	-0.217960
O	-8.934737	2.567470	2.739858
Ti	-7.174879	2.544265	1.648816
O	-5.307235	1.424385	1.963007
O	-5.090580	1.149653	-2.758552
Ti	-8.468883	5.496500	-0.955865
O	-8.967010	6.796178	0.312509
Ti	-8.356656	5.888639	1.856515
O	-7.928569	4.326974	0.607689
O	-6.812528	6.954387	2.146008
O	-7.034451	5.892130	-2.002316
O	-5.689658	3.584392	-2.337624
Ti	-5.151918	5.423416	-1.738517
O	-5.022408	5.688653	0.083003
O	-5.818362	4.066561	2.072773
Ti	-5.077595	6.260884	1.966997
O	-3.638754	7.554406	1.980785
O	-3.191313	4.895809	2.023030
O	-3.165520	4.335019	-1.732173
O	-3.974030	6.643147	-2.653913
O	-1.954983	6.794067	-0.389929
Ti	-2.290536	5.986788	-2.041535
Ti	-2.185177	6.496569	1.433707
Ti	-3.987132	2.977613	1.670734
O	-3.952338	2.336438	-0.109558
Ti	-3.864978	2.476608	-1.961267
Ti	-12.493982	-3.090252	-1.285226
Ti	-13.088062	-3.429768	1.504249
O	-12.639776	-1.428535	-2.075433
Ti	-11.886089	0.296586	-1.645503

O	-12.899744	0.574982	-0.102027
O	-13.326324	-1.558905	1.902759
Ti	-12.322208	0.165227	1.629966
O	-11.407172	-3.162258	0.354447
O	-11.732120	2.021275	-2.428144
O	-10.094694	-0.150817	-1.587060
Ti	-8.448483	-1.160430	-1.614686
O	-13.955459	-3.645629	-0.146714
O	-7.811466	-1.062578	0.119497
O	-10.554567	-0.427730	1.462537
Ti	-8.877997	-1.228544	1.835667
Ti	-9.954304	-4.626687	-1.876985
O	-11.784678	-4.377832	-2.420959
O	-9.337689	-3.192269	1.904065
O	-8.701515	-5.657437	2.152479
O	-10.154453	-5.620570	-0.301690
Ti	-10.345082	-4.849933	1.409135
O	-12.085088	-4.980899	2.207512
O	-9.444910	-2.826245	-1.732270
O	-5.432917	-5.149011	-2.711272
O	-5.685055	-5.366983	1.980667
O	-6.805600	-2.314806	1.992667
Ti	-7.211472	-4.253158	1.717873
O	-7.152090	-4.286464	-0.203734
O	-6.729010	-2.372945	-2.464490
Ti	-6.935763	-4.226422	-2.072095
O	-8.434968	-5.174622	-2.809715
O	-7.389798	0.115129	-2.665940
O	-7.760109	0.516375	2.064953
O	-4.211061	-1.250408	1.949146
Ti	-5.905058	-0.516471	1.396249
O	-5.300372	-0.633937	-0.457192
O	-3.876426	-1.476262	-2.986627
Ti	-5.439234	-0.770496	-2.281022
O	-2.259608	1.997048	-2.802696
Ti	-0.616783	1.429400	-2.106023
O	-0.615432	1.506262	-0.229385
O	-2.196621	2.519650	2.069272
Ti	-0.659380	1.559376	1.673947
O	-0.506439	6.352963	2.177650
O	-0.643736	5.590610	-2.770012
O	0.607332	2.983959	-2.471687
Ti	0.949648	4.871491	-1.932169
O	0.790705	4.995789	-0.088868
O	0.638244	3.162080	2.082838
Ti	1.075541	5.318907	1.831325
O	2.493384	6.650082	1.921007
O	2.267045	6.105498	-2.654385
Ti	-2.298554	-1.919614	-2.012819
O	-2.265924	-1.649464	-0.198777
Ti	-2.533675	-1.954462	1.679867
Ti	-3.709236	-5.500984	-2.036059

O	-3.006734	-3.943732	1.512474
O	-4.049692	-6.247720	-0.352155
Ti	-3.947167	-5.606113	1.397168
O	-2.935285	-3.809263	-1.897913
O	-1.101035	-0.476274	-2.597086
O	-1.195309	-0.385773	2.007096
O	0.271857	-1.181460	8.616842
O	0.365926	-1.271186	4.013518
O	2.106089	2.151354	7.918575
O	2.177720	2.286403	4.507578
O	3.220988	4.589636	6.372894
Ti	3.118422	3.949658	4.623480
Ti	2.880824	3.843171	8.057174
Ti	1.469191	0.262149	8.033687
O	1.436858	-0.007261	6.218307
Ti	1.704504	0.297434	4.340362
O	-3.096007	-7.762704	8.674821
O	-0.322141	-8.009278	3.843319
O	-0.184809	-7.247802	8.790184
O	-1.436865	-4.641676	8.492249
Ti	-1.779132	-6.529101	7.952695
O	-1.619802	-6.653244	6.109247
O	-1.467405	-4.819107	3.937708
Ti	-1.904578	-6.975847	4.189080
O	-3.322484	-8.306990	4.099145
O	1.431012	-3.655284	8.823117
Ti	-0.212648	-3.087158	8.126380
O	-0.213848	-3.164350	6.249680
O	1.367728	-4.175425	3.949666
Ti	-0.170120	-3.216253	4.346484
O	3.382042	-0.406479	4.071407
Ti	5.075623	-1.140903	4.625005
O	4.470287	-1.023506	6.478090
O	3.046243	-0.181566	9.007509
Ti	4.608975	-0.887024	8.302211
O	6.559831	-1.772938	8.686634
O	6.930784	-2.173634	3.955559
O	4.604618	3.490903	8.732355
O	4.856242	3.710294	4.039449
O	5.975980	0.657183	4.028105
Ti	6.381779	2.595669	4.302687
O	6.322004	2.628807	6.223913
O	5.899260	0.715221	8.486224
Ti	6.107177	2.568743	8.093035
O	7.604964	3.520089	8.830442
O	8.611218	1.171922	7.752928
O	8.507650	1.535275	4.117248
O	7.871758	4.000366	3.868083
O	9.324660	3.964923	6.323077
Ti	9.514818	3.193308	4.612794
O	11.254134	3.325306	3.814667
Ti	9.124115	2.971341	7.898537

O	10.954297	2.721194	8.442647
Ti	11.665283	1.435445	7.306235
Ti	12.257827	1.774997	4.516481
O	11.811958	-0.226255	8.096431
Ti	11.057206	-1.950841	7.667084
O	12.070141	-2.229608	6.122954
O	12.496586	-0.095806	4.118021
Ti	11.492961	-1.820339	4.390841
O	10.577798	1.506044	5.667491
O	10.902586	-3.676108	8.448417
O	9.266136	-1.502274	7.610104
Ti	7.617914	-0.495981	7.635790
O	13.126125	1.991809	6.167357
O	6.981909	-0.595229	5.901585
O	9.725034	-1.228486	4.558177
Ti	8.048031	-0.428333	4.184979
Ti	3.157568	-4.634351	4.349239
O	3.122976	-3.993319	6.130476
Ti	3.035291	-4.134374	7.981603
Ti	1.356659	-8.153496	4.587251
O	2.336242	-5.992657	7.751751
O	3.145571	-8.299893	8.675641
O	1.126428	-8.451854	6.410747
Ti	1.461927	-7.644621	8.062679
O	2.362622	-6.552344	3.997770
Ti	7.640933	-7.152217	6.976404
O	8.138683	-8.452233	5.708233
Ti	7.528246	-7.545246	4.163892
O	7.099746	-5.983232	5.412604
O	5.984268	-8.610766	3.874989
O	6.206489	-7.548004	8.022752
O	4.860187	-5.241733	8.358426
Ti	4.323319	-7.080860	7.759699
O	4.194120	-7.346125	5.938268
O	4.988904	-5.723353	3.947925
Ti	4.249187	-7.917438	4.054143
O	2.810421	-9.210905	4.040177
O	4.477925	-3.080996	4.057016
O	4.260559	-2.807185	8.778924
Ti	9.459269	-4.710466	7.799540
O	9.621763	-4.636506	5.895106
O	11.240531	-3.696203	3.805674
Ti	9.730803	-4.917846	4.039154
O	9.243836	-6.789669	3.512630
O	9.174156	-6.578854	7.889373
O	7.840381	-4.228742	8.590899
Ti	6.100410	-3.662818	8.081278
O	6.226863	-3.666676	6.238044
O	8.105454	-4.224668	3.280100
Ti	6.345506	-4.201238	4.371225
Ti	-11.728451	1.594922	4.369845
O	-12.149210	1.694464	6.185756

O	-12.633052	0.169499	8.483265
Ti	-11.404214	1.508020	7.901809
O	-10.976468	3.343161	8.240697
O	-11.322713	3.539054	4.069932
O	-10.132391	0.704806	4.286281
Ti	-8.172967	0.803390	4.225042
O	-7.776528	0.499972	6.105934
O	-9.685536	0.889710	8.257060
Ti	-7.844449	0.429455	7.929472
O	-5.982311	-0.525629	8.526998
O	-6.201326	-0.376255	3.915369
Ti	-9.636887	4.388559	4.595739
O	-9.981800	5.413650	6.123659
Ti	-9.474541	4.031447	7.368079
O	-8.995474	2.983627	5.793951
O	-7.990501	4.352931	8.411596
O	-7.909817	5.157367	3.859911
O	-6.751904	2.328670	3.949776
Ti	-6.216576	4.258126	4.293716
O	-6.164421	4.157988	6.148733
O	-6.625365	1.953054	8.471346
Ti	-6.169811	3.832766	8.014933
O	-4.899665	5.086747	8.730893
O	-4.196165	2.781402	7.716839
O	-4.227158	3.089058	4.115195
O	-4.854804	5.744961	3.977758
O	-3.074079	5.163340	6.180740
Ti	-3.160987	4.696380	4.349829
Ti	-3.305543	4.449167	7.889702
Ti	-4.773448	0.884255	7.922012
O	-4.807716	0.697402	6.079249
Ti	-4.897207	1.102622	4.229396
Ti	-13.314172	-5.019635	4.554827
Ti	-13.402094	-4.687962	7.354070
O	-13.895499	-3.486445	3.505031
Ti	-12.897719	-1.740641	4.102829
O	-13.079271	-1.508522	5.951805
O	-13.874816	-3.095036	8.179144
Ti	-12.725832	-1.589915	7.823508
O	-12.154472	-4.302708	5.910019
O	-12.988473	0.177702	3.697593
O	-11.214342	-2.381767	3.731623
Ti	-9.539572	-3.183311	4.311331
O	-14.565194	-5.307290	5.961310
O	-9.356178	-2.538786	6.065461
O	-11.122036	-2.249005	8.468596
Ti	-9.431976	-2.868215	7.872033
Ti	-10.852610	-6.843492	4.721963
O	-12.626996	-6.698558	4.067565
O	-10.025606	-4.773114	7.851319
O	-9.230627	-7.118138	8.714200
O	-11.075082	-7.455828	6.476574

Ti	-10.819659	-6.461036	8.022328
O	-12.623229	-5.956707	8.473350
O	-10.088615	-5.075357	4.507297
O	-6.430953	-7.183231	3.774227
O	-6.351286	-6.583656	8.740103
O	-7.642052	-3.977130	8.404299
Ti	-7.922121	-5.876992	7.923526
O	-7.856832	-5.997006	6.073146
O	-7.628333	-4.085759	3.941104
Ti	-8.027490	-6.234117	4.110976
O	-9.387294	-7.672406	4.015731
O	-8.510441	-1.381537	3.867852
O	-8.281896	-1.444203	8.576684
O	-4.860755	-3.083640	8.886872
Ti	-6.417304	-2.421936	8.069626
O	-6.376058	-2.450097	6.195355
O	-4.904031	-3.227776	3.773988
Ti	-6.492856	-2.328173	4.289762
O	-3.138721	0.576207	3.835753
Ti	-1.544018	-0.250974	4.343926
O	-1.603038	-0.227979	6.251596
O	-3.185797	0.438500	8.812626
Ti	-1.572159	-0.223429	8.123362
O	-1.644796	4.066784	8.628629
O	-1.329652	4.461091	4.057772
O	-0.338349	1.392661	4.018279
Ti	0.152560	3.320272	4.287669
O	0.070125	3.341845	6.201117
O	-0.368874	1.366927	8.517381
Ti	-0.004882	3.246575	8.062330
O	1.294786	4.517519	8.779421
O	1.604225	4.819461	3.823278
Ti	-3.297472	-3.807395	4.500011
O	-3.267538	-3.085686	6.230533
Ti	-3.257599	-3.535595	8.038941
Ti	-4.810607	-7.368346	4.684492
O	-3.812395	-5.421060	7.712082
O	-5.128654	-7.948676	6.432570
Ti	-4.705947	-7.060379	8.011747
O	-3.895479	-5.691759	4.632617
O	-2.103164	-2.225044	3.886222
O	-2.042671	-2.111808	8.664954

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O	1.209129	0.468350	1.902783
O	1.207124	0.442098	-2.623340
O	3.213855	3.990112	1.514116
O	2.816700	3.742212	-1.401051
O	4.047417	6.429656	-0.472715
Ti	3.697952	5.348766	-1.927870
Ti	3.742150	5.850485	1.286946
Ti	2.445732	2.078204	1.484507

O	2.608279	1.241026	-0.182728
Ti	2.413158	1.861309	-1.943920
O	-2.238502	-6.732820	1.948393
O	0.914479	-5.706348	-2.716559
O	0.674486	-6.088825	1.771848
O	-0.592361	-3.125825	1.856912
Ti	-0.897002	-5.118930	1.578053
O	-0.884288	-5.068749	-0.346387
O	-0.481175	-3.052361	-2.709101
Ti	-0.761783	-4.922671	-2.206478
O	-2.049042	-6.131663	-3.020298
O	2.160346	-2.472620	1.868903
Ti	0.629663	-1.478980	1.490401
O	0.677860	-1.530405	-0.410713
O	2.386956	-2.118089	-2.882316
Ti	0.738604	-1.481695	-2.270779
O	3.991506	1.536919	-2.880250
Ti	5.549124	0.838612	-2.068926
O	5.523328	0.903106	-0.178766
O	4.262471	1.914341	2.359741
Ti	5.779967	0.912936	1.704470
O	7.698267	-0.104713	2.186882
O	7.421629	-0.103853	-2.635470
O	5.354603	5.870961	2.183046
O	5.353177	4.825998	-2.571493
O	6.788948	2.369921	-2.325604
Ti	6.944629	4.248685	-1.673139
O	6.829730	4.388588	0.171394
O	7.115598	2.484284	2.028290
Ti	6.904225	4.671890	2.162321
O	8.327255	6.019543	2.177086
O	9.666489	3.438814	1.565403
O	8.993161	3.207813	-1.473320
O	8.200285	5.497776	-2.530683
O	10.043477	5.975299	-0.346545
Ti	9.800692	4.887296	-1.822379
O	11.507763	4.289885	-2.382203
Ti	9.869035	5.385162	1.427824
O	11.642602	5.236672	1.965737
Ti	11.985731	3.349873	1.576612
Ti	12.313268	2.997732	-1.260185
O	13.042616	1.793411	2.334620
Ti	12.143588	0.001624	1.847048
O	12.319082	-0.251182	0.003082
O	12.991659	1.499367	-2.191979
Ti	11.874409	0.000097	-1.832343
O	11.096513	2.295656	0.037654
O	12.185199	-1.915233	2.308511
O	10.421326	0.532701	2.289782
Ti	8.946784	1.565636	1.565280
O	13.259679	3.767599	0.141458
O	8.568316	0.699337	-0.075266

O	10.249305	0.665555	-2.510753
Ti	8.603021	1.268809	-1.830292
Ti	3.981759	-2.497488	-1.944979
O	4.099848	-2.259240	-0.116017
Ti	4.025141	-2.654213	1.747909
Ti	2.589487	-6.071121	-1.987746
O	3.574897	-4.710310	1.765799
O	4.203299	-7.365733	1.934628
O	2.382373	-6.876058	-0.324652
Ti	2.531542	-6.341594	1.490824
O	3.437409	-4.397867	-1.712105
Ti	8.922911	-6.240823	1.463703
O	9.284621	-7.186059	-0.112514
Ti	8.752761	-5.740327	-1.298593
O	8.271995	-4.794792	0.321056
O	7.274820	-5.988448	-2.376504
O	7.168707	-6.761725	2.235807
O	6.100675	-3.839455	2.048410
Ti	5.559490	-5.790659	1.687122
O	5.451154	-5.728011	-0.184886
O	5.843506	-3.539172	-2.539419
Ti	5.456475	-5.415912	-2.045231
O	4.201236	-6.641085	-2.838467
O	5.140082	-1.049747	-2.576985
O	5.334372	-1.079397	1.995329
Ti	10.788740	-3.242780	1.794585
O	11.068950	-3.204754	-0.069936
O	11.750801	-1.778781	-2.485145
Ti	10.537907	-3.092057	-1.860104
O	10.218024	-4.964245	-2.151784
O	10.524227	-5.226084	2.037721
O	9.133991	-2.441993	1.989232
Ti	7.247653	-2.180265	1.680804
O	7.005055	-2.042989	-0.197640
O	8.827317	-2.544067	-2.387670
Ti	7.041465	-1.984133	-2.049644
Ti	-10.346168	3.007908	-1.591382
O	-10.502839	2.938767	0.300765
O	-12.076462	2.042888	2.406357
Ti	-10.538663	3.266756	2.168165
O	-9.991203	5.101835	2.682348
O	-10.100255	4.887005	-1.674978
O	-8.744033	2.533983	-2.433653
Ti	-6.955819	1.976125	-2.073757
O	-6.989552	1.968281	-0.237497
O	-8.924714	2.445103	2.797827
Ti	-7.155041	2.517033	1.645002
O	-5.254922	1.362245	1.806954
O	-5.109653	1.131030	-2.810474
Ti	-8.533361	5.467879	-0.820645
O	-8.905442	6.750180	0.493048
Ti	-8.288098	5.791831	2.032376

O	-7.960789	4.251569	0.684987
O	-6.751148	6.856262	2.342237
O	-7.175355	5.814083	-1.991526
O	-5.705428	3.529233	-2.377513
Ti	-5.276847	5.390787	-1.799224
O	-5.130818	5.719117	0.004692
O	-5.756065	4.020132	1.920888
Ti	-5.041174	6.200096	1.925637
O	-3.740011	7.616121	1.814712
O	-3.112609	4.909950	1.589480
O	-3.262871	4.325838	-1.670972
O	-4.119341	6.527766	-2.826533
O	-2.060958	7.037337	-0.682438
Ti	-2.419320	5.961356	-2.155921
Ti	-2.272917	6.675399	1.140068
Ti	-3.989670	2.951935	1.476934
O	-3.737590	2.141949	-0.196889
Ti	-3.838920	2.444693	-2.043421
Ti	-12.558667	-3.166507	-1.152545
Ti	-13.097127	-3.629311	1.652920
O	-12.726723	-1.477370	-1.887240
Ti	-11.941331	0.238427	-1.455392
O	-12.951315	0.504642	0.101408
O	-13.178707	-1.705851	2.072556
Ti	-12.302021	0.135701	1.817209
O	-11.457983	-3.257170	0.461711
O	-11.803345	1.968753	-2.224588
O	-10.142200	-0.205483	-1.505913
Ti	-8.463072	-1.154541	-1.690586
O	-13.998977	-3.765297	0.010525
O	-7.771189	-1.036841	0.022964
O	-10.536896	-0.382309	1.569263
Ti	-8.846768	-1.259514	1.718156
Ti	-9.931694	-4.613493	-1.805589
O	-11.796850	-4.398869	-2.315340
O	-9.643699	-3.013286	2.066871
O	-8.389255	-5.449809	1.857902
O	-10.079001	-5.587712	-0.234539
Ti	-10.221432	-4.785478	1.485077
O	-12.066676	-5.251190	2.177946
O	-9.473846	-2.806497	-1.698097
O	-5.365269	-5.151480	-2.846305
O	-5.459622	-5.903666	1.880234
O	-6.909899	-2.353193	1.873112
Ti	-6.667633	-4.383847	1.826265
O	-6.656883	-4.244003	-0.143400
O	-6.756872	-2.384099	-2.495963
Ti	-6.782424	-4.235997	-1.990961
O	-8.344792	-5.157849	-2.622627
O	-7.414433	0.109542	-2.756449
O	-7.728987	0.476966	1.992538
O	-4.281084	-1.505028	1.829410

Ti	-5.879146	-0.561965	1.282735
O	-5.236130	-0.673062	-0.559033
O	-3.907791	-1.517139	-3.127765
Ti	-5.450997	-0.794879	-2.372312
O	-2.269547	1.992303	-2.941621
Ti	-0.674066	1.352411	-2.157778
O	-0.764844	1.427070	-0.285751
O	-2.162926	2.672968	2.263361
Ti	-0.726325	1.561783	1.622268
O	-0.719903	6.643445	2.060642
O	-0.780062	5.437346	-2.798415
O	0.571984	2.906452	-2.401510
Ti	0.782618	4.802380	-1.827132
O	0.542150	5.000274	-0.008576
O	0.649131	3.095610	1.792597
Ti	0.726975	5.298583	1.971866
O	2.167887	6.615789	1.869662
O	2.091170	5.959101	-2.672141
Ti	-2.323912	-1.953473	-2.167335
O	-2.282435	-1.654414	-0.346123
Ti	-2.554915	-2.070798	1.497815
Ti	-3.641826	-5.538096	-2.221803
O	-3.013015	-4.115498	1.403489
O	-3.896641	-6.446006	-0.606007
Ti	-3.764202	-5.876304	1.168425
O	-2.910637	-3.843609	-1.947893
O	-1.111949	-0.520245	-2.775953
O	-1.284867	-0.409729	1.890644
O	0.538943	-1.022958	8.312334
O	0.359291	-1.377566	3.802072
O	2.293557	2.441487	7.843366
O	2.311372	2.060420	3.894246
O	3.691186	3.932286	5.660336
Ti	3.619842	3.623438	3.767040
Ti	3.409628	3.985468	7.494017
Ti	1.752002	0.553495	7.887107
O	1.716220	0.163980	6.052430
Ti	1.693976	0.123680	4.154783
O	-3.543361	-7.946596	8.372656
O	-0.404032	-7.998579	3.846875
O	-0.877387	-7.860065	8.530243
O	-1.390069	-4.665188	8.164242
Ti	-2.167115	-6.535759	7.762510
O	-1.927244	-6.609151	5.959092
O	-1.499459	-4.933784	3.709331
Ti	-2.097426	-7.089544	4.036470
O	-3.578782	-8.358418	4.072340
O	1.559665	-3.633189	8.239551
Ti	-0.152900	-2.993076	7.876357
O	-0.384433	-3.121915	6.011906
O	1.418475	-4.130034	3.910572
Ti	-0.246487	-3.352781	4.147054

O	3.294081	-0.670758	3.582986
Ti	5.061882	-1.040489	4.319618
O	4.511695	-0.931204	6.133007
O	3.507437	0.284201	8.704653
Ti	4.920173	-0.935119	7.940223
O	6.893739	-1.958003	8.212363
O	6.922895	-2.086576	3.889248
O	5.161815	3.995931	8.222852
O	5.568143	3.852958	3.688025
O	6.034552	0.743709	4.041266
Ti	6.857891	2.532557	4.424827
O	6.815753	2.691987	6.253177
O	6.042151	0.821237	8.195556
Ti	6.700765	2.924754	8.203183
O	8.223002	4.109684	8.798568
O	8.696322	1.608169	8.066184
O	8.785114	1.504067	4.238085
O	8.255528	4.014811	3.864157
O	9.825052	3.929659	6.376516
Ti	9.795439	3.177967	4.674610
O	11.513096	3.263004	3.722065
Ti	9.743221	3.278964	8.178585
O	11.763695	3.218895	8.110675
Ti	12.314655	1.766228	7.201229
Ti	12.616456	1.694985	4.384540
O	12.360910	0.313591	8.458475
Ti	11.470575	-1.531568	7.830169
O	12.387249	-1.748182	6.215644
O	12.791105	-0.162526	3.986850
Ti	11.678530	-1.803872	4.449914
O	11.087247	1.530394	5.711374
O	11.297061	-3.463295	8.185476
O	9.781875	-0.867577	7.686377
Ti	7.930754	-0.222089	7.705119
O	13.699024	2.020128	5.894313
O	7.382395	-0.467986	5.940939
O	9.917527	-1.229917	4.588220
Ti	8.222017	-0.466319	4.201837
Ti	3.228460	-4.650196	4.219987
O	3.224871	-4.638086	6.063616
Ti	3.257226	-4.376539	7.945188
Ti	1.309587	-7.972553	4.550671
O	2.471624	-6.272464	8.278154
O	2.828909	-8.833928	8.261003
O	1.020417	-7.874382	6.385579
Ti	1.042431	-7.701840	8.287106
O	2.416896	-6.522646	3.715372
Ti	7.770443	-7.608393	7.156069
O	8.212717	-8.749697	5.749867
Ti	7.583692	-7.588116	4.320084
O	7.177244	-6.337457	5.791119
O	6.029103	-8.588285	3.878590

O	6.097636	-8.255299	8.070075
O	5.075472	-5.625336	8.180799
Ti	4.261627	-7.482095	7.701850
O	4.198720	-7.495417	5.886581
O	5.124649	-5.698080	3.853352
Ti	4.271575	-7.904355	3.942251
O	2.741479	-9.104788	4.031520
O	4.459294	-3.047991	3.886371
O	4.452693	-2.843639	8.310283
Ti	10.079302	-4.935589	7.526743
O	10.736261	-5.412947	5.834751
O	11.291436	-3.646516	3.906955
Ti	10.014865	-5.173628	4.129556
O	9.304857	-6.977652	3.496170
O	9.460476	-6.831816	7.773691
O	8.473714	-4.053753	7.528346
Ti	6.526289	-4.071176	7.928883
O	5.997081	-3.776230	6.125358
O	8.296759	-4.443842	4.088057
Ti	6.391089	-4.133048	4.349711
Ti	-11.738740	1.623775	4.515279
O	-12.396607	2.100251	6.207375
O	-12.951660	0.335060	8.135686
Ti	-11.674343	1.861695	7.912399
O	-10.963524	3.665895	8.545466
O	-11.118547	3.519644	4.267989
O	-10.133461	0.741195	4.514186
Ti	-8.186455	0.756819	4.112029
O	-7.656149	0.463580	5.915437
O	-9.957501	1.130319	7.953197
Ti	-8.051860	0.820183	7.690605
O	-6.120607	-0.266470	8.154480
O	-6.112452	-0.470313	3.730008
Ti	-9.427831	4.295086	4.885047
O	-9.869629	5.437052	6.293885
Ti	-9.241528	4.275351	7.721668
O	-8.835837	3.024211	6.250731
O	-7.686955	5.275561	8.163264
O	-7.755560	4.941920	3.970663
O	-6.735785	2.311602	3.859661
Ti	-5.919834	4.168047	4.338218
O	-5.858102	4.180884	6.153694
O	-6.783757	2.384405	8.186645
Ti	-5.929933	4.590356	8.097801
O	-4.400021	5.790900	8.006544
O	-4.077109	3.208339	8.324465
O	-4.131048	2.958434	3.762156
O	-4.487267	5.519604	3.778547
O	-2.679621	4.554666	5.654729
Ti	-2.700825	4.387793	3.752304
Ti	-2.968853	4.657478	7.488834
Ti	-4.888873	1.335932	7.820329

O	-4.885630	1.322069	5.976690
Ti	-4.917611	1.063077	4.095261
Ti	-13.975503	-5.078153	4.839758
Ti	-14.275972	-5.007479	7.656170
O	-14.020145	-3.625079	3.583063
Ti	-13.128850	-1.780387	4.212674
O	-14.047685	-1.563067	5.825994
O	-14.449966	-3.149436	8.054690
Ti	-13.337401	-1.507551	7.591159
O	-12.748204	-4.842196	6.329048
O	-12.956451	0.151062	3.856797
O	-11.440748	-2.444973	4.358558
Ti	-9.589851	-3.090781	4.339463
O	-15.359604	-5.331435	6.146890
O	-9.033706	-2.841462	6.101908
O	-11.576782	-2.081445	7.451290
Ti	-9.883182	-2.849187	7.839187
Ti	-11.402942	-6.590356	3.863746
O	-13.423410	-6.530880	3.930986
O	-10.445004	-4.816643	7.787515
O	-9.916164	-7.326849	8.178012
O	-11.485745	-7.246392	5.663753
Ti	-11.455263	-6.491320	7.364141
O	-13.173481	-6.576073	8.317049
O	-10.357298	-4.920878	3.978530
O	-6.820630	-7.310133	3.817903
O	-7.228452	-7.165215	8.356305
O	-7.694469	-4.058562	8.001378
Ti	-8.518542	-5.846154	7.616058
O	-8.471864	-6.007694	5.788092
O	-7.701938	-4.135083	3.846030
Ti	-8.359778	-6.238672	3.837703
O	-9.882757	-7.421301	3.242781
O	-8.553453	-1.355549	3.829283
O	-8.584067	-1.226741	8.152077
O	-4.957101	-2.643744	8.458240
Ti	-6.724757	-2.273051	7.719298
O	-6.168091	-2.381232	5.907538
O	-5.167562	-3.599079	3.335906
Ti	-6.579603	-2.379154	4.101005
O	-3.218562	0.321929	3.800734
Ti	-1.508083	-0.321592	4.164991
O	-1.275892	-0.192948	6.029531
O	-3.078185	0.818025	8.129831
Ti	-1.414679	0.038130	7.893933
O	-1.254920	4.685476	8.193029
O	-0.781590	4.548419	3.512083
O	-0.270574	1.351443	3.878192
Ti	0.507642	3.221507	4.278965
O	0.268692	3.294001	6.081866
O	-0.161084	1.619328	8.331952
Ti	0.437727	3.775145	8.004132

O	1.919170	5.044171	7.968380
O	1.884830	4.632834	3.668786
Ti	-3.412917	-3.868339	4.155490
O	-3.376983	-3.478776	5.989834
Ti	-3.356808	-3.437653	7.887446
Ti	-5.069371	-7.300788	4.548650
O	-3.971840	-5.374932	8.147170
O	-5.351401	-7.249660	6.382295
Ti	-5.279685	-6.937562	8.274809
O	-3.953545	-5.756195	4.200752
O	-2.200808	-2.291985	3.728858
O	-2.021388	-1.937004	8.238650
O	-0.549136	-2.792992	14.817209
O	-0.376375	-2.904049	10.151390
O	1.250188	0.529689	13.989113
O	1.354162	0.801060	10.636004
O	2.237876	3.131433	12.646448
Ti	2.105028	2.560774	10.872427
Ti	1.981656	2.224309	14.262345
Ti	0.664070	-1.360220	14.208466
O	0.622437	-1.659942	12.387506
Ti	0.894161	-1.242895	10.543511
O	-3.751761	-9.272693	14.714505
O	-0.940221	-9.956042	9.979684
O	-0.880316	-8.752157	14.839613
O	-2.233066	-6.220751	14.444106
Ti	-2.441926	-8.116774	13.870072
O	-2.202945	-8.314261	12.051169
O	-2.309727	-6.408326	10.251294
Ti	-2.387307	-8.611493	10.070613
O	-3.827785	-9.929166	10.172959
O	0.609636	-5.305482	14.982633
Ti	-0.986112	-4.666330	14.200182
O	-0.896028	-4.741127	12.328274
O	0.503220	-5.985060	9.777844
Ti	-0.934308	-4.875305	10.419886
O	2.620055	-1.809567	10.212378
Ti	4.218313	-2.752130	10.758070
O	3.575698	-2.642485	12.600055
O	2.247384	-1.797060	15.168367
Ti	3.790995	-2.519584	14.413129
O	5.754617	-3.422595	14.797176
O	6.068068	-3.791001	10.048417
O	3.705270	1.837806	14.887999
O	3.800089	2.590889	10.159046
O	5.249560	-0.961280	10.167409
Ti	5.007421	1.069803	10.214194
O	4.994893	0.929345	12.185532
O	5.094859	-0.929778	14.537435
Ti	5.121837	0.922271	14.030179
O	6.683884	1.844776	14.663057
O	7.811959	-0.506025	13.738362

O	7.982873	-0.300248	9.977114
O	6.729436	2.136390	10.183278
O	8.418479	2.274882	12.275587
Ti	8.561676	1.472992	10.556322
O	10.407803	1.939490	9.864463
Ti	8.270237	1.300309	13.846206
O	10.136195	1.085491	14.357198
Ti	10.899246	-0.145396	13.193950
Ti	11.437847	0.318547	10.389180
O	11.067600	-1.834025	13.927841
Ti	10.281424	-3.549873	13.498758
O	11.294497	-3.817603	11.939284
O	11.521097	-1.605588	9.969892
Ti	10.642579	-3.447237	10.224354
O	9.798621	-0.054974	11.579429
O	10.143682	-5.281273	14.265451
O	8.482898	-3.106371	13.548327
Ti	6.802370	-2.158856	13.731654
O	12.339437	0.454940	12.031931
O	6.110594	-2.278242	12.018498
O	8.877499	-2.930112	10.471945
Ti	7.185951	-2.054965	10.323324
Ti	2.329169	-6.265369	10.563724
O	2.075485	-5.456325	12.238212
Ti	2.179891	-5.758108	14.085248
Ti	0.612901	-9.989048	10.899680
O	1.601901	-7.639251	13.712427
O	2.458768	-9.842703	14.865579
O	0.399641	-10.350105	12.721787
Ti	0.759426	-9.275639	14.195951
O	1.452533	-8.223645	10.450232
Ti	6.874046	-8.780504	12.861987
O	7.247604	-10.062963	11.547933
Ti	6.629607	-9.104634	10.008692
O	6.300424	-7.565258	11.355675
O	5.092176	-10.169242	9.700174
O	5.515717	-9.127377	14.031028
O	4.045427	-6.843827	14.418371
Ti	3.618393	-8.704627	13.839321
O	3.474004	-9.031338	12.035460
O	4.095432	-7.333343	10.119073
Ti	3.381493	-9.513172	10.114543
O	2.080612	-10.929279	10.225340
O	3.594708	-4.676486	10.233559
O	3.449879	-4.446886	14.852531
Ti	8.687192	-6.320477	13.631646
O	8.842813	-6.251566	11.740341
O	10.416817	-5.354586	9.635526
Ti	8.879777	-6.578189	9.872017
O	8.332508	-8.414267	9.358807
O	8.440337	-8.199750	13.716835
O	7.084756	-5.846707	14.472925

Ti	5.295836	-5.290068	14.114362
O	5.329017	-5.283305	12.278171
O	7.264629	-5.759033	9.243397
Ti	5.494483	-5.830688	10.395824
Ti	-12.449037	-0.068375	10.247248
O	-12.730379	-0.103802	12.111848
O	-13.408425	-1.533075	14.528076
Ti	-12.197201	-0.219112	13.901207
O	-11.876770	1.652751	14.194126
O	-12.183259	1.914711	10.003572
O	-10.795017	-0.871242	10.053386
Ti	-8.908674	-1.134309	10.359833
O	-8.667683	-1.270542	12.238015
O	-10.486793	-0.767928	14.428694
Ti	-8.701639	-1.329292	14.089939
O	-6.799853	-2.263778	14.614034
O	-6.997099	-2.234968	10.045506
Ti	-10.581939	2.929477	10.578197
O	-10.943378	3.874488	12.154909
Ti	-10.411669	2.428136	13.340171
O	-9.932309	1.482604	11.720156
O	-8.932924	2.675782	14.418021
O	-8.827816	3.449859	9.805598
O	-7.761532	0.526379	9.991777
Ti	-7.218846	2.476355	10.354045
O	-7.110435	2.415052	12.225129
O	-7.503620	0.225596	14.578818
Ti	-7.115720	2.102811	14.085831
O	-5.860381	3.327112	14.879873
O	-5.096632	1.084806	13.750545
O	-5.234592	1.396090	10.274845
O	-5.862413	4.051142	10.104839
O	-4.040674	3.562762	12.364243
Ti	-4.191063	3.027086	10.548670
Ti	-4.248538	2.757951	14.028560
Ti	-5.641790	-0.814720	13.984100
O	-5.761014	-1.055611	12.156179
Ti	-5.685598	-0.661000	10.291178
Ti	-13.644152	-6.663548	10.461703
Ti	-13.970395	-6.307532	13.299127
O	-14.701197	-5.105634	9.706088
Ti	-13.799093	-3.315228	10.193715
O	-13.970565	-3.061655	12.037867
O	-14.650599	-4.810819	14.232593
Ti	-13.531847	-3.311816	13.874857
O	-12.753256	-5.605256	12.000215
O	-13.843511	-1.398313	9.733012
O	-12.077169	-3.847971	9.746582
Ti	-10.609014	-4.879321	10.484424
O	-14.917565	-7.077204	11.898131
O	-10.231536	-4.007228	12.121432
O	-11.909778	-3.981212	14.558048

Ti	-10.263608	-4.581145	13.875487
Ti	-11.529311	-8.700214	10.611325
O	-13.303117	-8.550300	10.073169
O	-10.652887	-6.519083	13.513228
O	-9.860660	-8.810179	14.570390
O	-11.703096	-9.288554	12.386072
Ti	-11.460320	-8.199163	13.861456
O	-13.167030	-7.599510	14.420604
O	-11.327216	-6.753893	10.475625
O	-7.014407	-9.184505	9.859418
O	-7.013929	-8.139570	14.613272
O	-8.449383	-5.682979	14.367951
Ti	-8.604030	-7.561778	13.714446
O	-8.488193	-7.700797	11.869780
O	-8.780192	-5.796550	10.014130
Ti	-8.564301	-7.985124	9.879270
O	-9.986976	-9.333091	9.862820
O	-9.360852	-3.211624	9.853632
O	-9.081463	-3.209363	14.680257
O	-5.651995	-4.850130	14.921802
Ti	-7.209427	-4.152333	14.110150
O	-7.186068	-4.217542	12.220054
O	-5.923454	-5.228789	9.682334
Ti	-7.441238	-4.226988	10.336363
O	-3.820558	-0.840573	10.171441
Ti	-2.290372	-1.834997	10.550799
O	-2.339277	-1.782545	12.452274
O	-4.048634	-1.195586	14.923183
Ti	-2.399872	-1.831731	14.312303
O	-2.574055	2.391769	14.756107
O	-2.333738	2.775771	10.267298
O	-1.068054	-0.188061	10.185778
Ti	-0.763335	1.805685	10.463074
O	-0.775456	1.754335	12.386833
O	-1.179580	-0.261668	14.751034
Ti	-0.896752	1.608296	14.246914
O	0.389182	2.817739	15.061512
O	0.578470	3.418154	10.092577
Ti	-4.106957	-5.392175	10.556968
O	-4.272158	-4.554021	12.225292
Ti	-4.073433	-5.174924	13.985935
Ti	-5.402194	-9.164301	10.755512
O	-4.477085	-7.055503	13.442583
O	-5.707605	-9.742917	12.514892
Ti	-5.358230	-8.661929	13.969521
O	-4.873606	-7.303719	10.527093
O	-2.871951	-3.781825	10.139394
O	-2.867295	-3.755352	14.664585

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O	1.252433	0.541664	1.867232
O	1.282596	0.559729	-2.652191

O	3.243822	4.082910	1.557543
O	2.857789	3.872810	-1.401009
O	4.061136	6.545008	-0.381942
Ti	3.729458	5.505369	-1.865023
Ti	3.780953	5.927988	1.376807
Ti	2.507654	2.178149	1.539633
O	2.657099	1.390402	-0.164711
Ti	2.462393	1.990232	-1.927904
O	-1.666839	-6.547264	1.676009
O	1.048559	-5.485084	-3.040378
O	1.239408	-6.479681	1.549182
O	-0.554001	-3.069371	1.701554
Ti	-0.181915	-5.138698	1.670501
O	-0.272801	-4.897983	-0.287561
O	-0.374280	-2.939565	-2.743635
Ti	-0.517430	-4.805972	-2.120950
O	-1.770755	-6.138372	-2.827387
O	2.215400	-2.455408	1.874175
Ti	0.714248	-1.401331	1.417615
O	0.817691	-1.436313	-0.478413
O	2.446538	-2.015521	-3.058801
Ti	0.836604	-1.362748	-2.344467
O	4.028971	1.657780	-2.885996
Ti	5.584147	0.940666	-2.095367
O	5.523030	0.959430	-0.208300
O	4.308544	2.000341	2.409624
Ti	5.764777	0.967520	1.679075
O	7.682359	-0.080490	2.124851
O	7.466586	0.029947	-2.687768
O	5.424221	5.961281	2.221359
O	5.380148	4.992487	-2.529544
O	6.805802	2.487941	-2.309210
Ti	6.979005	4.363504	-1.673061
O	6.880968	4.489300	0.171197
O	7.096724	2.554307	1.997671
Ti	6.950353	4.732247	2.170079
O	8.443067	6.004947	2.160108
O	9.753840	3.405824	1.405175
O	9.046215	3.317914	-1.516500
O	8.232153	5.598297	-2.564614
O	10.108124	6.051224	-0.409456
Ti	9.850249	4.985661	-1.898868
O	11.551791	4.409298	-2.505653
Ti	9.943715	5.368893	1.334284
O	11.719870	5.192116	1.842071
Ti	12.051990	3.308923	1.407240
Ti	12.417396	3.102994	-1.439327
O	13.119733	1.769942	2.177480
Ti	12.203455	-0.048345	1.718279
O	12.482029	-0.231386	-0.108831
O	13.052055	1.590102	-2.383217
Ti	11.924184	0.130685	-1.899557

O	11.229185	2.307873	-0.191760
O	12.154819	-1.972980	2.203591
O	10.495558	0.533774	2.098436
Ti	8.941140	1.601440	1.607899
O	13.345046	3.818583	-0.002799
O	8.538628	0.800009	-0.076075
O	10.255479	0.732735	-2.524482
Ti	8.640353	1.385061	-1.815738
Ti	4.028163	-2.394964	-2.118875
O	4.037280	-2.125940	-0.287602
Ti	4.053842	-2.680829	1.522469
Ti	2.739390	-5.922470	-2.458914
O	3.627673	-4.743445	1.477137
O	4.360485	-7.379965	1.727031
O	2.608576	-7.017467	-0.951967
Ti	2.914606	-6.485351	0.826285
O	3.516660	-4.312764	-1.845940
Ti	9.038059	-6.268509	1.330247
O	9.476982	-7.143108	-0.281936
Ti	8.932074	-5.673571	-1.421479
O	8.486109	-4.740910	0.186800
O	7.397293	-5.894627	-2.438571
O	7.249260	-6.714930	1.832791
O	6.117008	-3.768880	1.809571
Ti	5.699722	-5.731003	1.474815
O	5.372982	-5.715360	-0.405490
O	5.910208	-3.415424	-2.698713
Ti	5.584223	-5.290012	-2.246938
O	4.390029	-6.351147	-3.314991
O	5.198937	-0.937386	-2.690267
O	5.310792	-1.056667	1.873390
Ti	10.760904	-3.299080	1.696718
O	11.104609	-3.180113	-0.154057
O	11.790283	-1.661847	-2.550596
Ti	10.606628	-3.000396	-1.954584
O	10.354956	-4.871455	-2.323347
O	10.596287	-5.282237	2.045079
O	9.107649	-2.491835	1.897014
Ti	7.268249	-2.068906	1.542526
O	7.017317	-1.985557	-0.331993
O	8.882474	-2.463742	-2.486717
Ti	7.114708	-1.859393	-2.178451
Ti	-10.291032	2.714970	-1.565449
O	-10.417947	2.550588	0.311300
O	-12.069030	1.984994	2.524061
Ti	-10.503444	3.150929	2.140790
O	-10.178974	5.011364	2.229052
O	-10.111144	4.597374	-1.682158
O	-8.687051	2.325180	-2.469542
Ti	-6.905077	1.803163	-2.074782
O	-6.941308	1.743042	-0.243404
O	-8.894583	2.320080	2.820582

Ti	-7.167529	2.359398	1.624980
O	-5.262051	1.276602	1.789970
O	-5.022713	0.977711	-2.770945
Ti	-8.506682	5.240638	-0.945249
O	-8.816427	6.587583	0.302777
Ti	-8.376028	5.608422	1.904166
O	-7.937792	4.050938	0.586172
O	-6.846429	6.678671	2.320945
O	-7.192665	5.588475	-2.175005
O	-5.676270	3.373288	-2.384309
Ti	-5.296185	5.274824	-1.867200
O	-5.221345	5.657194	-0.068914
O	-5.776968	3.913815	1.887729
Ti	-5.117988	6.117351	1.853613
O	-3.825917	7.548077	1.757303
O	-3.159660	4.851252	1.530494
O	-3.280651	4.262863	-1.634481
O	-4.133987	6.408341	-2.897303
O	-2.129099	7.003020	-0.710532
Ti	-2.443138	5.891731	-2.167172
Ti	-2.329844	6.629699	1.110298
Ti	-3.992684	2.864020	1.467046
O	-3.692310	2.020533	-0.190137
Ti	-3.804671	2.359567	-2.025519
Ti	-12.296069	-3.400748	-0.974977
Ti	-12.854417	-3.647756	1.844288
O	-12.530768	-1.727323	-1.735341
Ti	-11.863413	0.043896	-1.345815
O	-12.882438	0.354458	0.205949
O	-13.072376	-1.764836	2.238524
Ti	-12.227404	0.072068	1.937442
O	-11.179620	-3.460187	0.614196
O	-11.790710	1.725652	-2.211253
O	-10.037714	-0.319886	-1.427196
Ti	-8.395698	-1.312821	-1.646125
O	-13.749064	-3.897823	0.209585
O	-7.808406	-1.317401	0.107598
O	-10.507175	-0.581382	1.692613
Ti	-8.843973	-1.517077	1.854579
Ti	-9.700133	-4.813228	-1.687662
O	-11.590859	-4.712210	-2.108427
O	-9.644797	-3.279729	2.510768
O	-7.955723	-5.254080	2.036211
O	-9.746794	-5.736878	-0.063692
Ti	-9.916392	-5.063311	1.695639
O	-11.847821	-5.194835	2.522703
O	-9.387735	-2.981391	-1.712315
O	-5.040733	-5.195020	-2.963667
O	-5.251927	-6.216110	1.845974
O	-6.900164	-2.534370	1.946957
Ti	-6.259518	-4.461775	1.653997
O	-6.142132	-4.332660	-0.258492

O	-6.690261	-2.533936	-2.551006
Ti	-6.488220	-4.364967	-2.097310
O	-8.090716	-5.329826	-2.502848
O	-7.340172	-0.073717	-2.744527
O	-7.766311	0.308175	1.982635
O	-4.241382	-1.526610	1.837471
Ti	-5.899483	-0.678803	1.309008
O	-5.272792	-0.895373	-0.545322
O	-3.824504	-1.658559	-3.129826
Ti	-5.380240	-0.940162	-2.365842
O	-2.228814	2.025976	-2.967354
Ti	-0.610083	1.445691	-2.184766
O	-0.692599	1.523356	-0.310204
O	-2.134686	2.681844	2.248480
Ti	-0.657793	1.622611	1.596019
O	-0.767833	6.647371	2.019179
O	-0.773777	5.439346	-2.776818
O	0.617999	3.012674	-2.402736
Ti	0.827949	4.907496	-1.793159
O	0.591453	5.079773	0.026053
O	0.686686	3.173515	1.851071
Ti	0.759028	5.372473	2.011395
O	2.194261	6.692280	1.965392
O	2.109799	6.114140	-2.602316
Ti	-2.204845	-1.910905	-2.180450
O	-2.244193	-1.449999	-0.395768
Ti	-2.485324	-2.001406	1.416983
Ti	-3.379788	-5.529336	-2.124374
O	-3.131667	-3.975254	1.404984
O	-3.679776	-6.432904	-0.526518
Ti	-3.390043	-5.817926	1.228234
O	-2.629725	-3.846007	-1.783377
O	-1.036256	-0.435805	-2.802698
O	-1.203748	-0.361285	1.856665
O	0.509553	-1.124592	8.199168
O	0.444289	-1.361735	3.737410
O	2.270572	2.318196	7.642574
O	2.326966	2.128742	3.932922
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Ti	3.658289	3.687521	3.927218
Ti	3.548887	3.814063	7.696636
Ti	1.804759	0.449030	7.906882
O	1.714791	0.021049	6.049621
Ti	1.690973	0.206881	4.189988
O	-3.178600	-8.283560	7.958108
O	-0.213269	-8.080807	3.569633
O	-0.273078	-7.623819	7.912092
O	-1.386177	-4.704514	7.957206
Ti	-1.839652	-6.661591	7.562406
O	-1.903976	-6.780967	5.684058
O	-1.297556	-4.939373	3.586264
Ti	-1.857910	-7.152594	3.788560

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Ti	-0.118852	-3.071503	7.755405
O	-0.115878	-3.237521	5.842221
O	1.273202	-4.421123	3.239240
Ti	-0.160639	-3.285677	4.006360
O	3.298804	-0.486992	3.504307
Ti	5.003690	-1.017602	4.168107
O	4.556941	-0.989866	6.003407
O	3.631808	0.236355	8.611732
Ti	5.027106	-0.971037	7.798356
O	6.951341	-2.010765	8.052109
O	6.910596	-2.053892	3.760073
O	5.391508	3.950790	8.236358
O	5.597303	3.933001	3.696117
O	6.083675	0.745108	3.981103
Ti	6.888610	2.566628	4.357991
O	6.887791	2.672269	6.169475
O	6.178887	0.792769	8.133598
Ti	6.902071	2.871539	8.148312
O	8.389760	4.064529	8.714716
O	8.858118	1.574082	7.610688
O	8.824643	1.523665	4.028145
O	8.326544	4.020192	3.828246
O	10.032654	3.918954	6.307478
Ti	9.883447	3.179612	4.627508
O	11.551730	3.233033	3.571674
Ti	9.852342	3.147746	8.106014
O	11.880678	3.026339	8.083136
Ti	12.375261	1.660792	7.024437
Ti	12.674283	1.681156	4.202902
O	12.420606	0.164258	8.220084
Ti	11.524154	-1.722468	7.690137
O	12.427108	-1.892610	6.060265
O	12.836416	-0.197715	3.838171
Ti	11.661682	-1.791305	4.324575
O	11.143187	1.474354	5.531392
O	11.325140	-3.620473	8.151123
O	9.838800	-1.072581	7.534745
Ti	8.068380	-0.225025	7.633791
O	13.753175	1.980669	5.722027
O	7.383046	-0.530301	5.893479
O	9.917259	-1.166568	4.460111
Ti	8.182304	-0.428249	4.181036
Ti	3.128189	-4.653918	3.905598
O	3.133700	-4.338568	5.751556
Ti	3.279200	-4.458917	7.645495
Ti	1.571683	-8.207467	4.123312
O	2.643944	-6.442534	7.790813
O	3.237566	-9.098620	8.014335
O	1.350116	-8.738023	5.904056
Ti	1.537775	-8.054968	7.636672

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Ti	8.098462	-8.019270	7.346233
O	8.547313	-9.043976	5.843394
Ti	7.872551	-7.751977	4.550455
O	7.495497	-6.650788	6.103043
O	6.311892	-8.436530	3.863858
O	6.296438	-8.506324	8.082703
O	5.249788	-5.698454	8.048732
Ti	4.592795	-7.593927	7.581160
O	4.504034	-7.562833	5.757489
O	5.144720	-5.637403	3.586192
Ti	4.479132	-7.790086	3.790178
O	3.089930	-9.124886	3.488737
O	4.405745	-3.021213	3.676712
O	4.502282	-2.911580	8.109960
Ti	10.080820	-5.101698	7.631862
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Ti	9.961639	-5.173755	4.110720
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Ti	6.496935	-4.093424	7.728919
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Ti	6.337805	-4.036613	4.099889
Ti	-11.656234	1.587009	4.607868
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Ti	-8.137453	0.622222	4.120358
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Ti	-8.018521	0.968624	7.706419
O	-6.135543	-0.203120	8.165979
O	-6.090268	-0.529558	3.645394
Ti	-9.195630	4.002118	5.092179
O	-9.675673	5.258770	6.373044
Ti	-9.103470	4.278155	7.951425
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Ti	-5.842630	4.619652	8.037123
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Ti	-2.694014	4.367167	3.688851
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Ti	-13.216274	-1.509024	7.786443
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Ti	-9.552774	-3.174063	4.663737
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Ti	-6.517067	-2.467109	4.150073
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Ti	-1.465389	-0.281938	4.110666
O	-1.271813	-0.260277	5.967918
O	-3.107249	0.684965	8.136847
Ti	-1.403927	-0.003639	7.845256
O	-1.154993	4.669149	8.169921

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Ti	0.535010	3.291715	4.281835
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Ti	0.514443	3.672238	8.019796
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O	1.936891	4.703655	3.736948
Ti	-3.249949	-3.904902	3.952053
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Ti	-3.398177	-3.570568	7.682548
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O	-2.048276	-2.032694	8.047903
O	-0.404517	-2.697024	14.406948
O	-0.439136	-2.938892	10.014990
O	1.145566	0.868101	14.434991
O	1.435936	0.671404	10.292779
O	2.495748	2.580626	12.506234
Ti	2.261811	2.402668	10.716142
Ti	2.411924	2.449654	14.451981
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O	0.731081	-1.324801	12.284977
Ti	0.911036	-1.400938	10.379507
O	-4.424223	-9.673382	14.327243
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Ti	-3.001896	-8.643784	10.042249
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O	0.700310	-5.292459	14.304550
Ti	-1.022295	-4.689062	13.952294
O	-1.217579	-4.713402	12.095082
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Ti	-1.084304	-4.967463	10.217663
O	2.643616	-1.903849	9.961625
Ti	4.285484	-2.852686	10.498710
O	3.400230	-2.866114	12.227770
O	2.653333	-1.219337	14.714979
Ti	4.031374	-2.501915	13.910733
O	6.031413	-3.511975	14.133074
O	6.150030	-3.915118	9.828958
O	4.349719	2.486579	14.417574
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Ti	5.155034	1.039211	10.076095
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Ti	5.532701	1.165418	13.885411
O	7.270189	1.667285	14.877923
O	7.887430	-0.011562	12.785493
O	8.178854	-0.410319	9.801594
O	6.995377	2.012087	10.122645
O	8.818942	2.513547	12.361277
Ti	8.575172	1.215595	10.925319
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Ti	8.887437	1.382042	13.825312
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Ti	11.519604	0.056865	12.999750
Ti	11.518751	0.268167	10.125029
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Ti	10.585834	-3.164992	13.643641
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O	11.616193	-1.676549	9.813771
Ti	10.730011	-3.461002	10.276577
O	10.146522	-0.169620	11.668189
O	10.408811	-5.075515	14.069499
O	8.897886	-2.486029	13.454897
Ti	7.066537	-1.796468	13.395216
O	12.724520	0.498348	11.583964
O	6.176823	-2.378397	11.796524
O	8.951541	-2.987387	10.465577
Ti	7.266687	-2.154780	10.137444
Ti	2.377273	-6.311820	10.252125
O	2.357872	-6.338395	12.107881
Ti	2.423196	-5.973159	13.963088
Ti	0.363027	-9.630548	10.633620
O	1.644283	-7.885396	14.332267
O	2.016704	-10.442305	14.348644
O	0.157274	-9.518238	12.473756
Ti	0.208354	-9.336216	14.373624
O	1.498532	-8.181664	9.849976
Ti	6.708475	-8.970181	12.968360
O	7.190733	-10.226428	11.688005
Ti	6.617137	-9.248483	10.108605
O	6.185066	-7.792761	11.499889
O	5.098970	-10.330161	9.807941
O	5.376478	-9.732898	14.197316
O	4.247947	-7.206595	14.199755
Ti	3.425706	-9.083567	13.801917
O	3.467908	-9.217441	11.988119
O	4.200297	-7.466037	9.846615
Ti	3.356447	-9.591031	10.024154
O	1.805021	-10.761843	10.148345
O	3.647870	-4.769587	9.895811
O	3.604531	-4.439008	14.418319
Ti	9.170471	-6.556863	13.453389

O	9.808581	-7.082502	11.771208
O	10.452778	-5.349784	9.762170
Ti	9.155028	-6.883408	10.017874
O	8.409976	-8.702923	9.409830
O	8.370216	-8.409417	13.736160
O	7.592954	-5.635672	13.458573
Ti	5.652347	-5.591337	13.941018
O	5.107762	-5.439959	12.131131
O	7.469167	-6.136584	9.913076
Ti	5.530478	-5.940261	10.355875
Ti	-12.566211	0.132219	10.429488
O	-13.067754	0.523878	12.219339
O	-13.674908	-1.322791	14.188290
Ti	-12.448904	0.202818	13.949800
O	-11.761602	2.048763	14.622245
O	-12.209856	2.090919	10.085511
O	-10.908896	-0.677959	10.411631
Ti	-8.983408	-0.880828	10.331379
O	-8.486084	-1.060475	12.147134
O	-10.684211	-0.426110	14.099337
Ti	-8.825614	-0.934977	13.960187
O	-6.894093	-1.949467	14.384803
O	-6.988504	-2.061461	9.950645
Ti	-10.583345	3.048048	10.715266
O	-11.031660	4.073915	12.218638
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O	-8.797838	3.470243	14.198449
O	-8.782371	3.533387	9.976793
O	-7.735935	0.724828	10.013821
Ti	-7.079493	2.620961	10.480732
O	-6.990954	2.592228	12.304395
O	-7.634801	0.667443	14.473611
Ti	-6.966711	2.820900	14.271862
O	-5.576948	4.155630	14.572319
O	-5.085899	1.595332	13.957554
O	-5.131024	1.470314	10.271558
O	-5.724714	4.125893	10.046609
O	-3.836665	3.766471	12.156874
Ti	-4.024782	3.083182	10.424001
Ti	-4.059931	3.237078	13.937532
Ti	-5.616750	-0.316331	14.157395
O	-5.621803	-0.632965	12.311180
Ti	-5.766234	-0.513528	10.417424
Ti	-14.863922	-6.631076	11.037055
Ti	-15.162508	-6.650878	13.858215
O	-14.910359	-5.135110	9.840618
Ti	-14.012021	-3.248727	10.371550
O	-14.914801	-3.077991	12.001444
O	-15.324368	-4.771835	14.224258
Ti	-14.150898	-3.177322	13.738113
O	-13.631227	-6.444783	12.529606

O	-13.809397	-1.350600	9.912009
O	-12.328002	-3.903147	10.523928
Ti	-10.556308	-4.748277	10.425663
O	-16.241720	-6.949100	12.339615
O	-9.875120	-4.441936	12.167127
O	-12.406192	-3.801311	13.602579
Ti	-10.672279	-4.541506	13.880384
Ti	-12.341824	-8.120888	9.956303
O	-14.369782	-7.998444	9.979697
O	-11.313721	-6.495166	14.033100
O	-10.815573	-8.990837	14.235463
O	-12.520926	-8.891738	11.755252
Ti	-12.372050	-8.150126	13.435363
O	-14.041540	-8.203799	14.489079
O	-11.346621	-6.547667	10.449675
O	-7.878833	-8.921617	9.827117
O	-8.085905	-8.903229	14.365782
O	-8.572878	-5.716037	14.079942
Ti	-9.377985	-7.537066	13.704233
O	-9.378442	-7.645117	11.892720
O	-8.667204	-5.765744	9.927821
Ti	-9.391563	-7.845106	9.913841
O	-10.878922	-9.038609	9.348030
O	-9.439052	-2.962439	10.007475
O	-9.398807	-2.917697	14.301217
O	-5.786030	-4.482327	14.556278
Ti	-7.491788	-3.953687	13.893513
O	-7.047982	-3.982829	12.057539
O	-6.119819	-5.209836	9.450025
Ti	-7.514639	-4.001467	10.261810
O	-4.060219	-1.170417	9.969632
Ti	-2.368276	-1.900008	10.306539
O	-2.371132	-1.733233	12.219432
O	-3.761270	-0.550068	14.822838
Ti	-2.327315	-1.685114	14.055306
O	-2.276599	3.108888	14.494207
O	-2.213759	2.654028	10.147763
O	-1.101250	-0.266388	10.104965
Ti	-0.647947	1.690633	10.499362
O	-0.586393	1.809365	12.377773
O	-1.190932	-0.031740	14.475613
Ti	-0.632383	2.179919	14.273157
O	0.858566	3.441790	14.752411
O	0.690979	3.312221	10.104570
Ti	-4.292451	-5.421083	10.154264
O	-4.203224	-4.992010	12.011720
Ti	-4.178482	-5.177582	13.871094
Ti	-6.036204	-8.785962	10.366985
O	-4.815270	-7.098943	14.129092
O	-6.263005	-8.805633	12.266725
Ti	-6.146473	-8.657767	14.136255
O	-4.758392	-7.290033	10.420785

O	-2.997328	-3.846710	9.863440
O	-2.932197	-3.608908	14.324160
O	-1.449772	-4.533913	20.865308
O	-1.283043	-4.609968	16.205752
O	0.142132	-1.123927	19.845893
O	0.645659	-0.995599	16.655541
O	1.193203	1.462303	18.587395
Ti	0.901516	0.847784	16.833394
Ti	0.893477	0.559602	20.186300
Ti	-0.281520	-3.059443	20.242277
O	-0.241780	-3.520548	18.457816
Ti	-0.001462	-2.969940	16.644821
O	-4.597508	-11.082199	20.665183
O	-1.718031	-11.616226	16.040831
O	-1.712731	-10.408811	20.838769
O	-3.105244	-7.982349	20.465821
Ti	-3.314953	-9.876795	19.855948
O	-3.077357	-10.049129	18.036662
O	-3.174634	-8.143078	16.212764
Ti	-3.244759	-10.341342	16.051590
O	-4.680097	-11.660801	16.099646
O	-0.253867	-6.995387	21.030034
Ti	-1.876447	-6.415748	20.248531
O	-1.794391	-6.494079	18.373509
O	-0.350472	-7.650717	15.815464
Ti	-1.828963	-6.593637	16.467860
O	1.755163	-3.443073	16.224503
Ti	3.413927	-4.290374	16.751466
O	2.786596	-4.073750	18.605897
O	1.339848	-3.311398	21.191376
Ti	2.894279	-4.028635	20.426151
O	4.853985	-4.894403	20.805371
O	5.281271	-5.277743	16.079179
O	2.555043	0.227064	21.026427
O	2.762866	1.246369	16.215230
O	4.414375	-2.433434	16.114487
Ti	3.770419	-0.507407	16.407510
O	3.653371	-0.636475	18.321838
O	4.202904	-2.434020	20.611902
Ti	4.001431	-0.602994	20.159175
O	5.603192	0.363693	20.562621
O	6.899284	-1.985950	19.771629
O	7.157355	-1.689306	15.549373
O	5.466024	0.285520	16.023829
O	7.258426	0.768400	18.121921
Ti	7.427998	0.093468	16.363815
O	9.360243	0.225009	15.537984
Ti	7.212339	-0.153873	19.746736
O	9.102511	-0.255356	20.168189
Ti	9.806934	-1.567773	19.034621
Ti	10.366851	-1.321937	16.215932
O	10.043491	-3.240561	19.796452

Ti	9.376388	-5.012259	19.407856
O	10.394771	-5.324011	17.855919
O	10.586651	-3.205585	15.823681
Ti	9.739758	-5.041320	16.124512
O	8.691224	-1.509995	17.445395
O	9.304573	-6.694233	20.273141
O	7.550859	-4.647469	19.489659
Ti	5.908569	-3.655378	19.707187
O	11.260345	-1.070627	17.851700
O	5.320734	-3.651613	17.953675
O	8.019699	-4.387732	16.370195
Ti	6.357281	-3.451797	16.206638
Ti	1.508092	-7.833600	16.595990
O	1.209821	-6.991733	18.252611
Ti	1.318283	-7.328896	20.089178
Ti	-0.156502	-11.600444	16.950665
O	0.794621	-9.231502	19.697343
O	1.648239	-11.376764	20.959861
O	-0.356679	-11.971591	18.771986
Ti	-0.043129	-10.860996	20.229328
O	0.673929	-9.821925	16.530534
Ti	6.024787	-10.209638	19.006935
O	6.336765	-11.555148	17.757975
Ti	5.891633	-10.577420	16.156819
O	5.453979	-9.019990	17.475379
O	4.361585	-11.648407	15.744500
O	4.707998	-10.557859	20.232913
O	3.190841	-8.342878	20.447937
Ti	2.810635	-10.244091	19.929524
O	2.732880	-10.626957	18.131413
O	3.291979	-8.883511	16.174582
Ti	2.631978	-11.087222	16.208829
O	1.339711	-12.518183	16.303224
O	2.776783	-6.246404	16.271859
O	2.537333	-5.945616	20.832449
Ti	7.805751	-7.684707	19.627534
O	7.929884	-7.522426	17.750897
O	9.581117	-6.954367	15.538808
Ti	8.016614	-8.120135	15.920917
O	7.694628	-9.981098	15.830770
O	7.628318	-9.567053	19.746432
O	6.201629	-7.294942	20.531974
Ti	4.419609	-6.773135	20.137017
O	4.455873	-6.713474	18.305763
O	6.408266	-7.289582	15.239702
Ti	4.682348	-7.328821	16.436987
Ti	-13.249322	-1.669777	16.364797
O	-13.591001	-1.785321	18.215936
O	-14.275449	-3.303038	20.613103
Ti	-13.092178	-1.965427	20.016918
O	-12.840339	-0.094488	20.385774
O	-13.082684	0.313006	16.015758

O	-11.596047	-2.478440	16.164185
Ti	-9.757092	-2.901582	16.518198
O	-9.504590	-2.982816	18.392578
O	-11.367700	-2.501891	20.547808
Ti	-9.599697	-3.107525	20.239276
O	-7.684848	-4.028553	20.750789
O	-7.799016	-3.913706	16.188006
Ti	-11.525401	1.299796	16.729932
O	-11.965635	2.175109	18.341975
Ti	-11.418070	0.707763	19.481453
O	-10.971435	-0.226067	17.874182
O	-9.881987	0.929238	20.497102
O	-9.736431	1.747238	16.227168
O	-8.606884	-1.201186	16.251184
Ti	-8.188917	0.760348	16.583813
O	-7.855115	0.748254	18.465158
O	-8.395760	-1.551248	20.758514
Ti	-8.069721	0.322688	20.306622
O	-6.875446	1.382089	21.377060
O	-6.002422	-0.654368	19.905838
O	-6.117714	-0.227363	16.581755
O	-6.847957	2.409560	16.333423
O	-5.095802	2.050706	19.016185
Ti	-5.405942	1.513949	17.239147
Ti	-5.224571	0.954333	20.521362
Ti	-6.513581	-2.572533	20.181825
O	-6.525041	-2.842513	18.348490
Ti	-6.542268	-2.290228	16.538288
Ti	-14.538614	-8.279431	16.653326
Ti	-14.902835	-8.069168	19.499726
O	-15.606886	-6.739720	15.883824
Ti	-14.690413	-4.921798	16.343210
O	-14.967890	-4.735678	18.171605
O	-15.537157	-6.556218	20.444427
Ti	-14.409824	-5.096557	19.962504
O	-13.713998	-7.276748	18.250953
O	-14.642649	-2.996957	15.859679
O	-12.982239	-5.503186	15.961816
Ti	-11.428656	-6.571699	16.454516
O	-15.830879	-8.786621	18.064554
O	-11.026824	-5.768083	18.137719
O	-12.741468	-5.698670	20.586672
Ti	-11.126739	-6.352719	19.876955
Ti	-12.430584	-10.339563	16.727078
O	-14.206299	-10.163240	16.219121
O	-11.532966	-8.285309	19.578891
O	-10.720155	-10.565668	20.626829
O	-12.596138	-11.019703	18.471750
Ti	-12.337568	-9.952764	19.961240
O	-14.038916	-9.376783	20.567817
O	-12.240397	-8.376716	16.655938
O	-7.909961	-10.930508	15.840988

O	-7.867683	-9.959655	20.591977
O	-9.294492	-7.455435	20.370661
Ti	-9.466513	-9.331218	19.735264
O	-9.368397	-9.458676	17.891194
O	-9.584983	-7.524717	16.064816
Ti	-9.437532	-9.702759	15.892484
O	-10.929224	-10.976845	15.903630
O	-10.170596	-4.890042	15.936377
O	-9.953060	-4.997283	20.749210
O	-6.515474	-6.625612	20.947617
Ti	-8.070371	-5.908008	20.156879
O	-8.010805	-5.928245	18.269534
O	-6.796465	-6.969645	15.651711
Ti	-8.253551	-5.938063	16.382780
O	-4.703321	-2.515142	16.189211
Ti	-3.201823	-3.569475	16.643895
O	-3.304041	-3.533457	18.539910
O	-4.931456	-2.951713	21.119307
Ti	-3.322287	-3.606866	20.406026
O	-3.533973	0.516250	21.102334
O	-3.730284	1.504499	16.517440
O	-1.932833	-1.902196	16.360000
Ti	-2.307147	0.166454	16.391918
O	-2.213283	-0.074284	18.349751
O	-2.110572	-2.030314	20.806423
Ti	-1.968361	-0.164314	20.182926
O	-0.713837	1.168667	20.887785
O	-0.822168	1.574896	16.386184
Ti	-4.996048	-7.146829	16.522915
O	-5.139284	-6.358389	18.226543
Ti	-4.949689	-6.958845	19.989487
Ti	-6.267617	-10.896832	16.686950
O	-5.343834	-8.841435	19.462567
O	-6.549323	-11.514148	18.445643
Ti	-6.217336	-10.472605	19.928336
O	-5.732455	-9.051198	16.505622
O	-3.739580	-5.511913	16.194482
O	-3.769168	-5.529203	20.714064

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O	1.232729	0.368947	1.684495
O	1.599198	0.496205	-2.755506
O	3.289578	4.008748	1.261657
O	3.227317	3.800704	-1.646291
O	4.390229	6.467823	-0.600255
Ti	3.966824	5.483871	-2.087046
Ti	4.153783	5.758052	1.148419
Ti	2.536602	2.057213	1.519569
O	2.858942	1.366690	-0.212640
Ti	2.767003	1.897559	-1.994000
O	-1.815704	-6.701318	1.626036
O	1.442242	-5.658687	-3.199833

O	1.273993	-6.421003	1.418347
O	-0.459854	-3.238762	1.746112
Ti	-0.382687	-5.271046	1.490512
O	-0.054857	-5.122235	-0.445826
O	0.120652	-3.110526	-2.734681
Ti	-0.124888	-5.033434	-2.294969
O	-1.405697	-6.359717	-3.015811
O	2.133660	-2.664135	2.068682
Ti	0.596289	-1.533239	1.199146
O	1.402030	-1.591202	-0.555511
O	2.830990	-1.966122	-3.344091
Ti	1.293390	-1.462802	-2.417884
O	4.386649	1.659583	-2.955900
Ti	5.921498	0.886544	-2.238283
O	5.862849	1.078660	-0.368870
O	4.428400	2.090521	2.277305
Ti	6.009657	1.265454	1.536833
O	7.860340	0.242232	2.131072
O	7.841589	-0.039719	-2.862987
O	5.666106	5.941845	2.163839
O	5.651262	4.955694	-2.759948
O	7.345003	2.372312	-2.212746
Ti	7.047483	4.241715	-1.719219
O	6.925692	4.538457	0.077262
O	7.484578	2.680914	1.585924
Ti	7.130284	4.702797	2.155909
O	8.658413	5.978989	2.178883
O	10.200984	3.398872	2.175780
O	9.346182	2.809441	-0.584438
O	8.680449	4.960055	-2.484786
O	10.370855	5.715568	-0.178363
Ti	10.066147	4.383581	-1.424875
O	11.753937	3.780997	-1.983554
Ti	10.280123	5.368886	1.654058
O	12.075578	5.261305	2.122379
Ti	12.426523	3.319769	2.023146
Ti	12.656920	2.603468	-0.823951
O	13.220993	1.562049	2.625863
Ti	11.950436	0.054169	2.018887
O	12.172551	-0.382209	0.124615
O	13.453259	1.229927	-1.805364
Ti	12.189841	-0.216081	-1.710535
O	11.405713	1.984739	0.622224
O	11.834612	-1.903738	2.227129
O	10.230772	0.591238	2.720084
Ti	9.223177	1.677118	1.280424
O	13.603519	3.520604	0.463478
O	8.906421	0.162109	-0.061257
O	10.670119	0.732093	-2.381047
Ti	8.958979	1.034275	-1.702924
Ti	4.358474	-2.348167	-2.301689
O	4.088938	-1.853019	-0.519219

Ti	4.094199	-2.295719	1.333944
Ti	3.165731	-5.955027	-2.556925
O	3.846609	-4.318789	0.885419
O	4.709510	-7.028808	1.319552
O	2.907620	-6.807464	-0.941437
Ti	3.096751	-6.088589	0.810086
O	3.895281	-4.245851	-2.217042
Ti	9.353701	-6.460174	1.052414
O	9.731015	-7.279644	-0.630590
Ti	9.398283	-5.722647	-1.684913
O	9.356268	-4.683295	-0.068129
O	7.885190	-5.767738	-2.765562
O	7.535627	-6.396852	1.241249
O	6.254253	-3.354485	1.575491
Ti	5.941493	-5.326412	1.153050
O	5.944907	-5.296663	-0.761241
O	6.283882	-3.351790	-3.110832
Ti	6.044415	-5.226799	-2.594330
O	4.801970	-6.452388	-3.407386
O	5.562229	-0.917065	-2.892316
O	5.508325	-0.741659	1.610149
Ti	10.743716	-3.532284	1.574355
O	11.649305	-3.384478	-0.116062
O	12.183811	-1.872739	-2.558469
Ti	11.007316	-3.204995	-1.847894
O	10.870647	-4.966239	-2.574471
O	10.767481	-5.523685	2.054829
O	9.147165	-2.512194	1.668065
Ti	7.503311	-1.687967	1.288757
O	7.075012	-1.988176	-0.568421
O	9.289710	-2.521224	-2.328234
Ti	7.477292	-1.970295	-2.353435
Ti	-9.351046	2.291536	-0.966431
O	-10.109288	2.352307	0.857840
O	-11.907843	1.879490	2.911267
Ti	-10.272807	2.998723	2.594566
O	-9.798014	4.822478	2.730340
O	-9.332900	4.193334	-1.119175
O	-7.891067	1.995103	-2.258676
Ti	-6.486742	1.424518	-1.205541
O	-7.700332	1.490172	0.313263
O	-8.745324	2.013551	3.392681
Ti	-6.993490	1.940952	2.192732
O	-5.352433	0.810538	1.579043
O	-4.514486	0.556757	-1.216490
Ti	-7.885082	5.026937	-0.306321
O	-8.244485	6.367197	0.940474
Ti	-7.944257	5.328850	2.546836
O	-7.436406	3.806900	1.238987
O	-6.337663	6.164167	3.148542
O	-6.571780	5.348639	-1.553622
O	-5.189732	2.937126	-1.217427

Ti	-4.778309	4.925931	-1.004029
O	-4.822962	5.243829	0.786511
O	-5.485288	3.268865	2.667902
Ti	-4.625804	5.457385	2.726138
O	-3.143626	6.651382	2.897640
O	-3.014601	3.906493	2.389990
O	-2.797818	3.922625	-1.042543
O	-3.681067	6.290421	-1.845776
O	-1.633879	6.020401	0.465735
Ti	-1.997018	5.668464	-1.298682
Ti	-1.732430	5.541432	2.325362
Ti	-3.879049	1.940241	2.375601
O	-2.638792	1.724127	0.776504
Ti	-3.214502	2.023519	-1.064946
Ti	-11.848176	-3.614395	-0.651168
Ti	-12.641863	-3.738384	2.130861
O	-12.004335	-1.969174	-1.475102
Ti	-11.236848	-0.290147	-0.898987
O	-12.407492	0.135270	0.499082
O	-12.757383	-1.862567	2.497769
Ti	-11.883498	-0.021811	2.294383
O	-10.847036	-3.670952	0.999825
O	-10.777315	1.271421	-1.782303
O	-9.498463	-0.965764	-0.610101
Ti	-7.777543	-1.743342	-0.729141
O	-13.402346	-4.022890	0.426289
O	-7.024474	-1.554772	0.953775
O	-10.132026	-0.700490	2.261825
Ti	-8.529521	-1.733002	2.512757
Ti	-9.236325	-5.217224	-1.006108
O	-10.987447	-4.871180	-1.741586
O	-9.547351	-3.417318	3.055092
O	-7.734238	-5.368157	2.447790
O	-9.619919	-6.219716	0.510784
Ti	-9.668721	-5.240102	2.148414
O	-11.705975	-5.266913	2.886879
O	-8.607977	-3.518995	-0.599006
O	-4.800592	-5.384045	-2.737130
O	-4.761078	-6.367487	2.337859
O	-6.811304	-2.863255	2.885069
Ti	-5.900357	-4.653530	2.398467
O	-5.510139	-4.938534	0.374335
O	-6.095086	-2.940845	-1.516447
Ti	-6.041596	-4.852456	-1.440731
O	-7.648841	-5.816038	-1.816711
O	-6.683777	-0.521580	-1.789872
O	-7.333295	-0.102150	2.915395
O	-4.274543	-3.144101	2.516461
Ti	-5.372367	-1.202413	2.393217
O	-4.181368	-1.543776	0.617760
O	-3.441832	-1.796575	-2.416733
Ti	-4.774338	-1.397108	-1.225602

O	-2.083183	1.719410	-2.534317
Ti	-0.288095	1.288483	-2.103446
O	-0.313449	1.382979	-0.268259
O	-2.035764	1.784037	3.351765
Ti	-0.655613	1.482136	1.699563
O	0.052192	6.121038	2.680914
O	-0.551223	5.512353	-2.432873
O	0.860916	2.912362	-2.422918
Ti	1.116174	4.779525	-1.814624
O	1.054380	4.875102	0.013089
O	0.677769	3.036909	1.961234
Ti	1.474226	5.197335	1.952699
O	2.718400	6.670926	1.851323
O	2.313558	6.047296	-2.722268
Ti	-1.616343	-2.165632	-1.932800
O	-1.289684	-1.851324	-0.140011
Ti	-2.496093	-2.397742	1.526939
Ti	-2.994077	-5.788633	-2.249536
O	-2.742164	-4.240557	0.743292
O	-3.420297	-6.843255	-0.761659
Ti	-3.483504	-5.963371	0.911645
O	-2.251788	-4.076567	-2.013549
O	-0.664598	-0.618374	-2.702894
O	-1.314869	-0.540448	1.856648
O	0.122777	-1.207095	7.699639
O	0.309639	-1.530799	3.656262
O	1.815555	1.816014	7.619725
O	2.467122	1.806521	3.803815
O	4.185244	2.878169	5.926676
Ti	3.893536	3.264960	4.113955
Ti	3.822613	2.667188	7.852693
Ti	2.038319	-0.080451	7.658059
O	1.939161	-0.551861	5.799125
Ti	1.791212	-0.152294	3.979718
O	-2.614285	-7.821809	8.017788
O	-0.067111	-7.959344	3.401139
O	0.271273	-8.119128	7.618653
O	-1.803513	-4.838707	7.935530
Ti	-1.211322	-6.717686	7.361783
O	-1.224609	-6.614470	5.563255
O	-1.686152	-4.910058	3.372016
Ti	-1.753585	-7.148595	3.717914
O	-3.089946	-8.529393	3.509666
O	1.116198	-3.669374	8.398009
Ti	-0.839541	-3.063211	7.416478
O	0.082657	-3.485729	5.800909
O	0.895780	-4.816841	3.305268
Ti	-0.376007	-3.401574	4.002331
O	3.359800	-0.695764	2.895859
Ti	5.161672	-0.786218	3.825090
O	4.679500	-0.668865	5.584576
O	4.077596	0.568886	7.765258

Ti	5.674720	-0.517912	7.232345
O	7.451519	-1.736840	7.909619
O	7.085366	-1.695031	3.563357
O	5.558444	3.166228	8.860423
O	5.684841	3.904041	3.636807
O	6.085300	1.058669	3.877521
Ti	6.954319	2.688674	4.665135
O	7.004308	3.154949	6.449356
O	6.828695	0.996746	8.138396
Ti	7.453530	3.100873	8.350409
O	8.695139	4.576149	8.529156
O	9.336807	2.040214	7.596687
O	8.749074	1.636625	4.629244
O	8.288913	3.958724	3.770424
O	10.130245	4.517630	5.771128
Ti	10.054698	3.171340	4.411699
O	12.081016	3.287012	4.037185
Ti	10.106935	3.896239	7.509503
O	11.788218	3.349801	8.052598
Ti	11.787508	1.465885	7.525826
Ti	12.707574	1.464039	4.721053
O	12.999195	-0.086442	8.267109
Ti	11.971902	-1.752149	7.558218
O	12.656805	-2.273898	5.960406
O	12.638346	-0.354652	4.088372
Ti	11.595695	-2.093985	4.318085
O	10.936153	1.609452	5.649354
O	10.986788	-3.389587	8.005628
O	10.523536	-0.482399	7.345351
Ti	8.646156	0.089473	7.520389
O	13.454922	1.573235	6.371368
O	7.478995	-0.261172	5.939029
O	9.880556	-1.449925	4.742763
Ti	8.496481	-0.289769	4.124112
Ti	2.783997	-3.852424	3.654952
O	2.814458	-3.473142	5.530111
Ti	3.076175	-3.554182	7.389802
Ti	1.590699	-7.065021	3.488295
O	2.757420	-5.607868	7.519472
O	3.552199	-8.471607	7.286861
O	1.525628	-6.691792	5.388747
Ti	1.970562	-7.387729	7.013026
O	3.249790	-5.643207	3.078008
Ti	8.445628	-7.954967	7.032735
O	8.645231	-9.205024	5.614958
Ti	8.116156	-7.988038	4.217416
O	8.586583	-6.552326	5.471936
O	6.405271	-8.292602	3.668132
O	6.617844	-7.576778	7.120451
O	5.277929	-5.009683	7.784383
Ti	4.870956	-6.851748	7.090255
O	4.566082	-6.633982	5.311246

O	5.862348	-5.492335	3.251369
Ti	4.723593	-7.273097	3.445135
O	3.062540	-8.276433	3.381896
O	4.563638	-2.861463	3.441130
O	4.790510	-2.375527	7.680746
Ti	10.097749	-5.093114	7.425644
O	10.849704	-5.398341	5.768045
O	11.201900	-3.866527	3.733691
Ti	9.925002	-5.444990	4.043101
O	9.416350	-7.371935	2.984015
O	9.951539	-7.042953	7.971839
O	8.324441	-4.483291	7.616529
Ti	6.654380	-3.593419	7.398684
O	6.300036	-3.424854	5.597924
O	8.400801	-4.428707	3.722239
Ti	6.580911	-3.767459	3.747104
Ti	-11.660314	1.460493	5.005399
O	-12.281393	2.030217	6.669335
O	-12.941767	0.263901	8.565044
Ti	-11.488578	1.686822	8.359117
O	-10.421066	3.240974	9.092573
O	-10.750604	3.260771	4.751809
O	-10.196570	0.329995	5.136036
Ti	-8.232362	0.424070	4.811202
O	-6.818952	0.068106	6.299212
O	-9.965833	0.642733	8.341928
Ti	-7.996487	0.440921	8.029148
O	-6.378981	-0.921923	8.385139
O	-5.404459	-1.473577	4.528228
Ti	-9.024599	3.500598	5.595729
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Ti	-8.487179	3.895865	8.747101
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Ti	-5.793683	3.533787	4.943479
O	-5.905544	3.518150	6.737520
O	-7.311932	2.231600	8.731604
Ti	-5.422131	3.903037	8.645879
O	-3.752619	4.767673	8.596971
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O	-4.129355	2.050936	4.672183
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O	-2.311249	3.289993	6.455157
Ti	-2.612966	3.466786	4.683062
Ti	-2.154001	3.718381	8.356719
Ti	-4.673798	0.074231	8.652451
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Ti	-4.984134	0.304554	5.303552
Ti	-14.151096	-5.035577	5.225457
Ti	-14.426636	-5.162781	8.117791

O	-13.959784	-3.612109	3.940119
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Ti	-13.308903	-1.574321	8.002035
O	-12.944211	-4.794403	6.709344
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O	-11.404366	-2.544285	5.047154
Ti	-9.662887	-3.356765	5.142049
O	-15.491198	-5.421835	6.554761
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O	-11.553636	-2.204752	7.839994
Ti	-9.963696	-3.132001	8.352417
Ti	-11.411582	-6.431893	4.571890
O	-13.444118	-6.416237	4.321917
O	-11.144001	-4.738736	8.744386
O	-10.120732	-7.274939	8.276079
O	-11.701196	-7.570582	5.998998
Ti	-11.494450	-6.282437	7.449713
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O	-6.370348	-7.487501	8.128905
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Ti	-8.138293	-6.610679	8.367705
O	-8.214299	-6.678816	6.410544
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Ti	-7.939517	-6.488653	4.574743
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Ti	-6.955049	-2.895914	8.339664
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O	-5.392421	-4.411268	4.442977
Ti	-6.653237	-2.960669	5.178733
O	-3.769497	-0.093520	3.367881
Ti	-1.656354	-0.274687	3.963260
O	-1.540457	-0.345780	5.801966
O	-2.902107	0.374881	9.686377
Ti	-1.708973	-0.081145	7.718307
O	-0.572777	4.722308	8.404517
O	-0.943408	4.185727	3.879231
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Ti	0.688092	3.088993	4.305337
O	0.734373	3.401396	6.076250
O	-1.167679	1.735875	8.152939
Ti	0.984312	3.645268	8.063005
O	2.782055	4.239918	8.242552
O	2.296972	4.364141	3.759246
Ti	-3.388399	-4.054900	4.387137
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Ti	-3.876493	-3.866116	7.812766
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O	-2.623100	-1.986612	8.055449
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O	-0.878316	-3.137600	9.714071
O	1.959562	0.336646	12.404741
O	1.335042	0.207296	9.737249
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Ti	2.213865	1.717205	10.962581
Ti	2.924500	1.532020	13.861711
Ti	1.580797	-1.481154	13.304710
O	1.146268	-2.326822	11.606893
Ti	0.809251	-1.879229	9.832728
O	-4.170915	-9.405094	14.121457
O	-1.291511	-9.333184	9.735210
O	-1.128290	-9.519290	13.821275
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Ti	-2.633875	-8.021574	13.872275
O	-2.854835	-8.241799	12.003340
O	-3.157562	-6.333684	10.252314
Ti	-2.862172	-8.365891	10.092817
O	-4.592930	-8.844821	9.322489
O	1.273344	-5.006189	14.125144
Ti	-0.702043	-4.763420	13.781074
O	-1.022368	-4.950244	11.927725
O	-0.147223	-6.128935	9.202821
Ti	-1.609310	-5.055769	10.160008
O	2.685372	-1.789630	8.760123
Ti	4.389085	-2.259657	9.897025
O	3.683103	-1.973723	11.610262
O	3.541165	-0.571619	13.941639
Ti	4.844514	-2.044475	13.186256
O	6.538509	-3.478944	13.598206
O	6.251930	-3.442472	9.682143
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O	3.869652	1.679043	10.006946
O	5.652014	-0.647680	9.685877
Ti	5.826131	1.371328	10.054620
O	6.187012	1.504747	11.914406
O	6.131150	-0.519057	13.801440
Ti	6.550460	1.503916	13.770253
O	8.177215	2.403260	14.313750
O	8.665677	0.038417	12.687677
O	8.767227	-0.322909	9.607439
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O	10.061923	2.359039	12.190604
Ti	9.493185	1.171288	10.824897

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Ti	12.227136	-0.194124	13.007255
Ti	12.406106	-0.167250	10.168545
O	12.222184	-1.719325	14.163432
Ti	11.148916	-3.462664	13.505898
O	11.855877	-3.698505	11.813172
O	12.232039	-2.048486	9.700031
Ti	10.846782	-3.456328	10.181752
O	10.919072	-0.425805	11.613440
O	10.826326	-5.321794	13.989871
O	9.506198	-2.649585	13.311255
Ti	7.833349	-1.708837	13.282842
O	13.553239	0.082263	11.666123
O	6.488328	-1.890073	11.723600
O	9.120518	-2.826793	10.531482
Ti	7.550860	-1.849240	10.031759
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Ti	2.909669	-5.445906	12.928585
Ti	0.526184	-8.715686	9.660495
O	2.132065	-7.293975	13.437982
O	2.099268	-9.967632	13.380626
O	0.354452	-8.177554	11.501699
Ti	0.553955	-8.670186	13.273980
O	2.142364	-7.298711	9.271809
Ti	7.053569	-9.163971	12.965284
O	7.424122	-9.843258	11.326588
Ti	6.539072	-8.489890	10.172072
O	6.389068	-7.516780	12.173479
O	5.324584	-9.746671	9.422443
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O	4.508073	-6.885042	13.789525
Ti	3.711995	-8.732505	13.089719
O	3.678372	-8.447437	11.289457
O	4.946668	-7.165877	9.345858
Ti	3.580295	-8.955871	9.380387
O	1.937892	-9.976122	9.440607
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O	3.940860	-3.835372	13.616812
Ti	9.491840	-6.676281	13.362314
O	9.923373	-7.171460	11.573466
O	10.425289	-5.269947	9.652145
Ti	9.141027	-6.756082	9.927962
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O	7.968183	-5.640757	13.225869
Ti	6.030709	-5.576736	13.311657
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O	7.332110	-6.123476	10.122206
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O	-13.742002	-1.353372	14.432249
Ti	-12.457793	0.132646	14.154717
O	-11.510261	1.784316	15.002171
O	-12.135162	1.903921	10.364434
O	-11.287450	-0.985520	10.858891
Ti	-9.350673	-1.048960	10.770087
O	-8.117340	-1.428738	12.341392
O	-10.648941	-0.500239	13.959856
Ti	-8.784149	-1.275510	14.149528
O	-6.933539	-2.448769	14.561715
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Ti	-10.368278	2.537898	11.118121
O	-10.737465	3.218809	12.756309
Ti	-9.854332	1.864788	13.911275
O	-9.705760	0.890805	11.909605
O	-8.638431	3.121332	14.660368
O	-8.564149	3.394471	10.782172
O	-7.823692	0.256532	10.293308
Ti	-7.027337	2.104022	10.992559
O	-6.992965	1.819286	12.792234
O	-8.262240	0.539830	14.734607
Ti	-6.894996	2.329251	14.700854
O	-5.252377	3.349928	14.639543
O	-5.456207	0.672123	14.808798
O	-5.448398	0.664140	10.643614
O	-5.414391	3.338912	10.701017
O	-3.667892	1.549783	12.579083
Ti	-3.869661	2.040376	10.806710
Ti	-3.841045	2.089419	14.419861
Ti	-5.079583	-1.302959	14.586557
O	-5.250025	-1.461977	12.741035
Ti	-6.227309	-1.183316	11.151573
Ti	-15.544243	-6.429596	11.078136
Ti	-15.723265	-6.455441	13.916581
O	-15.538208	-4.904823	9.921263
Ti	-14.464594	-3.161421	10.578785
O	-15.172100	-2.925161	12.271076
O	-15.548353	-4.574450	14.385548
Ti	-14.163063	-3.167181	13.903115
O	-14.235878	-6.197367	12.471767
O	-14.144052	-1.302115	10.093844
O	-12.822225	-3.974661	10.774031
Ti	-11.150369	-4.917643	10.799950
O	-16.870732	-6.705120	12.418907
O	-9.804409	-4.736790	12.359984
O	-12.437424	-3.796927	13.553925
Ti	-10.868222	-4.776217	14.051422
Ti	-12.977647	-8.040391	10.286698
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O	-12.084027	-6.302273	14.476981

O	-11.233760	-8.749880	13.954838
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Ti	-12.810650	-7.796074	13.259956
O	-14.484714	-7.890995	14.474570
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O	-8.135877	-8.550397	9.642185
O	-7.186128	-8.305530	14.074019
O	-8.968731	-5.978461	14.397688
Ti	-9.142407	-7.997577	14.028337
O	-9.502461	-8.132513	12.168319
O	-9.448816	-6.108460	10.281678
Ti	-9.866558	-8.131053	10.312998
O	-11.494386	-9.028605	9.771606
O	-9.854065	-3.148030	10.484445
O	-9.568491	-3.183403	14.400155
O	-6.001097	-4.836526	15.321401
Ti	-7.706408	-4.366674	14.185956
O	-7.000979	-4.655182	12.473146
O	-6.857504	-6.056332	10.141275
Ti	-8.161578	-4.583731	10.896991
O	-4.589378	-1.622674	9.955828
Ti	-2.614485	-1.865092	10.299522
O	-2.294562	-1.676666	12.152771
O	-3.168805	-0.500464	14.878899
Ti	-1.706356	-1.571833	13.920225
O	-2.023554	2.706254	14.345255
O	-2.187207	2.890267	10.258964
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Ti	-0.680949	1.393491	10.207713
O	-0.455694	1.616094	12.076229
O	-0.158362	-0.293783	13.826963
Ti	-0.453419	1.738411	13.987031
O	1.276290	2.217196	14.758828
O	0.855583	2.778203	9.957976
Ti	-4.896609	-5.146406	10.775141
O	-4.463599	-4.300563	12.473059
Ti	-4.125802	-4.747845	14.247248
Ti	-6.240080	-8.158371	10.219663
O	-4.652272	-6.833735	14.343533
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Ti	-5.530528	-8.343589	13.119246
O	-5.273785	-6.963952	11.676547
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O	-2.437658	-3.490129	14.365700
O	-1.089930	-4.291600	20.405644
O	-0.692589	-4.641905	16.025129
O	0.207376	-0.571566	19.481107
O	0.981853	-0.924782	16.705796
O	1.414708	1.864490	18.216168
Ti	1.244754	0.955522	16.623943
Ti	1.291277	0.994076	19.921166
Ti	0.071582	-2.574039	19.693469

O	-0.621930	-3.197752	18.014700
Ti	0.561551	-2.761989	16.266255
O	-5.613250	-10.991996	20.321607
O	-2.740862	-11.348030	15.677444
O	-2.372847	-10.813999	20.202221
O	-3.383526	-7.738879	20.176279
Ti	-4.004357	-9.717092	19.775841
O	-4.049182	-10.028061	18.004909
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Ti	-4.297481	-10.270613	16.017612
O	-6.095817	-10.865464	15.837479
O	0.451932	-6.533791	20.713549
Ti	-1.660740	-6.353308	20.118167
O	-1.775645	-6.282270	18.279498
O	-0.414959	-7.002806	14.392932
Ti	-1.608022	-6.546896	16.362944
O	2.266436	-2.479492	14.983952
Ti	3.639145	-3.734620	15.741599
O	2.235317	-3.651249	17.256139
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Ti	3.336965	-3.667644	18.902781
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O	5.485381	-5.124442	15.350987
O	3.249793	0.934474	20.072936
O	3.054688	0.861537	15.951981
O	5.018182	-2.094171	15.513042
Ti	4.821921	-0.017566	15.714604
O	4.897548	0.049583	17.671637
O	4.641655	-2.094198	19.162534
Ti	4.622055	-0.140155	19.507633
O	6.413965	0.176742	20.466533
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O	7.827327	-1.888108	15.338164
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O	9.897132	-0.002372	15.410955
Ti	8.093384	-0.196093	19.511321
O	10.126230	-0.210020	19.762185
Ti	10.834183	-1.591162	18.859196
Ti	11.110155	-1.463123	15.966747
O	10.643588	-3.014061	20.143199
Ti	9.760829	-4.775518	19.408919
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O	11.099184	-3.400295	15.654323
Ti	9.992881	-5.050637	16.082594
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Ti	6.346575	-3.272035	18.940757
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Ti	6.647287	-3.495498	15.730417
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Ti	1.667042	-6.932955	18.778181
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Ti	5.708756	-10.128561	18.488330
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Ti	5.172969	-10.522988	15.336296
O	5.247091	-8.465700	17.648253
O	3.706294	-11.652419	15.170149
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O	3.174984	-8.265800	19.691555
Ti	2.477211	-10.161810	19.138781
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O	3.994215	-8.860146	15.351061
Ti	2.107480	-10.531690	15.435977
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Ti	8.344451	-8.087507	19.078520
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Ti	8.173935	-8.313395	15.725261
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Ti	-9.970447	-3.032250	16.683534
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Ti	2.723349	-1.774484	25.522047
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O	1.196644	-7.183338	25.296817
Ti	6.034126	-8.917688	25.049780
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Ti	6.956334	-9.626270	21.488445
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Ti	-9.359899	-1.402065	26.675829
O	-8.117588	-0.176326	27.489147
O	-7.212230	-2.382150	26.297546
O	-7.162022	-2.305978	23.196337
O	-8.023782	0.403896	22.761869
O	-6.223095	0.180492	25.022949
Ti	-6.411155	-0.536709	23.271402
Ti	-6.481694	-0.673358	26.638337
Ti	-7.674600	-4.280268	26.382590

O	-7.404479	-4.773758	24.599836
Ti	-7.410542	-4.329204	22.747412
Ti	-15.743213	-9.945326	22.059687
Ti	-15.973540	-9.231863	24.906618
O	-16.536708	-8.185713	21.458908
Ti	-15.264560	-6.678410	22.065859
O	-15.488110	-6.244156	23.961253
O	-16.769465	-7.858304	25.889287
Ti	-15.505682	-6.413064	25.795395
O	-14.722048	-8.611772	23.461865
O	-15.144790	-4.720929	21.859101
O	-13.546069	-7.217948	21.363159
Ti	-12.539464	-8.304244	22.802982
O	-16.920653	-10.147144	23.618821
O	-12.226582	-6.791303	24.146783
O	-13.987219	-7.362155	26.468021
Ti	-12.276818	-7.664119	25.787801
Ti	-13.597093	-11.995301	22.426977
O	-15.392740	-11.886470	21.959000
O	-12.662702	-9.438797	24.667954
O	-11.997216	-11.590317	26.566054
O	-13.687873	-12.343949	24.259318
Ti	-13.382707	-11.013446	25.506238
O	-15.071393	-10.411232	26.066598
O	-13.517617	-10.024873	21.907048
O	-8.982863	-12.568095	21.916881
O	-8.968312	-11.584069	26.841394
O	-10.662313	-9.000946	26.296258
Ti	-10.364786	-10.870326	25.801039
O	-10.242899	-11.165866	24.004217
O	-10.800622	-9.307302	22.496417
Ti	-10.447339	-11.329131	21.926015
O	-11.975254	-12.604727	21.902028
O	-11.176859	-6.866998	21.954165
O	-11.158295	-6.588222	26.945195
O	-7.703434	-8.288242	27.037700
Ti	-9.238756	-7.515590	26.319984
O	-9.180029	-7.706225	24.450657
O	-7.744793	-8.716654	21.802624
Ti	-9.325702	-7.891696	22.544696
O	-5.449790	-3.961847	22.012742
Ti	-3.912959	-5.094626	22.882021
O	-4.716327	-5.036478	24.635876
O	-6.146227	-4.660675	27.424778
Ti	-4.609248	-5.164739	26.497984
O	-4.758666	-0.971101	27.281867
O	-4.588298	-0.204872	22.662921
O	-2.856669	-3.389453	22.335036
Ti	-2.932797	-1.356939	22.591528
O	-3.262130	-1.506476	24.527031
O	-3.436189	-3.517798	26.816832
Ti	-3.191225	-1.594836	26.376273

O	-1.911677	-0.267148	27.095735
O	-1.501062	0.074599	22.453783
Ti	-5.853636	-8.684791	22.561718
O	-6.177120	-7.994977	24.293582
Ti	-6.084702	-8.525913	26.074957
Ti	-7.470708	-12.385567	22.932534
O	-6.542779	-10.428163	25.726247
O	-7.707333	-13.095707	24.680848
Ti	-7.284210	-12.111767	26.168912
O	-6.606158	-10.636094	22.819022
O	-4.550113	-6.996621	22.396691
O	-4.916206	-7.123599	26.835174
O	1.232729	0.368947	1.684495
O	1.599198	0.496205	-2.755506
O	3.289578	4.008748	1.261657
O	3.227317	3.800704	-1.646291
O	4.390229	6.467823	-0.600255
Ti	3.966824	5.483871	-2.087046
Ti	4.153783	5.758052	1.148419
Ti	2.536602	2.057213	1.519569
O	2.858942	1.366690	-0.212640
Ti	2.767003	1.897559	-1.994000
O	-1.815704	-6.701318	1.626036
O	1.442242	-5.658687	-3.199833
O	1.273993	-6.421003	1.418347
O	-0.459854	-3.238762	1.746112
Ti	-0.382687	-5.271046	1.490512
O	-0.054857	-5.122235	-0.445826
O	0.120652	-3.110526	-2.734681
Ti	-0.124888	-5.033434	-2.294969
O	-1.405697	-6.359717	-3.015811
O	2.133660	-2.664135	2.068682
Ti	0.596289	-1.533239	1.199146
O	1.402030	-1.591202	-0.555511
O	2.830990	-1.966122	-3.344091
Ti	1.293390	-1.462802	-2.417884
O	4.386649	1.659583	-2.955900
Ti	5.921498	0.886544	-2.238283
O	5.862849	1.078660	-0.368870
O	4.428400	2.090521	2.277305
Ti	6.009657	1.265454	1.536833
O	7.860340	0.242232	2.131072
O	7.841589	-0.039719	-2.862987
O	5.666106	5.941845	2.163839
O	5.651262	4.955694	-2.759948
O	7.345003	2.372312	-2.212746
Ti	7.047483	4.241715	-1.719219
O	6.925692	4.538457	0.077262
O	7.484578	2.680914	1.585924
Ti	7.130284	4.702797	2.155909
O	8.658413	5.978989	2.178883
O	10.200984	3.398872	2.175780

O	9.346182	2.809441	-0.584438
O	8.680449	4.960055	-2.484786
O	10.370855	5.715568	-0.178363
Ti	10.066147	4.383581	-1.424875
O	11.753937	3.780997	-1.983554
Ti	10.280123	5.368886	1.654058
O	12.075578	5.261305	2.122379
Ti	12.426523	3.319769	2.023146
Ti	12.656920	2.603468	-0.823951
O	13.220993	1.562049	2.625863
Ti	11.950436	0.054169	2.018887
O	12.172551	-0.382209	0.124615
O	13.453259	1.229927	-1.805364
Ti	12.189841	-0.216081	-1.710535
O	11.405713	1.984739	0.622224
O	11.834612	-1.903738	2.227129
O	10.230772	0.591238	2.720084
Ti	9.223177	1.677118	1.280424
O	13.603519	3.520604	0.463478
O	8.906421	0.162109	-0.061257
O	10.670119	0.732093	-2.381047
Ti	8.958979	1.034275	-1.702924
Ti	4.358474	-2.348167	-2.301689
O	4.088938	-1.853019	-0.519219
Ti	4.094199	-2.295719	1.333944
Ti	3.165731	-5.955027	-2.556925
O	3.846609	-4.318789	0.885419
O	4.709510	-7.028808	1.319552
O	2.907620	-6.807464	-0.941437
Ti	3.096751	-6.088589	0.810086
O	3.895281	-4.245851	-2.217042
Ti	9.353701	-6.460174	1.052414
O	9.731015	-7.279644	-0.630590
Ti	9.398283	-5.722647	-1.684913
O	9.356268	-4.683295	-0.068129
O	7.885190	-5.767738	-2.765562
O	7.535627	-6.396852	1.241249
O	6.254253	-3.354485	1.575491
Ti	5.941493	-5.326412	1.153050
O	5.944907	-5.296663	-0.761241
O	6.283882	-3.351790	-3.110832
Ti	6.044415	-5.226799	-2.594330
O	4.801970	-6.452388	-3.407386
O	5.562229	-0.917065	-2.892316
O	5.508325	-0.741659	1.610149
Ti	10.743716	-3.532284	1.574355
O	11.649305	-3.384478	-0.116062
O	12.183811	-1.872739	-2.558469
Ti	11.007316	-3.204995	-1.847894
O	10.870647	-4.966239	-2.574471
O	10.767481	-5.523685	2.054829
O	9.147165	-2.512194	1.668065

Ti	7.503311	-1.687967	1.288757
O	7.075012	-1.988176	-0.568421
O	9.289710	-2.521224	-2.328234
Ti	7.477292	-1.970295	-2.353435
Ti	-9.351046	2.291536	-0.966431
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O	-11.907843	1.879490	2.911267
Ti	-10.272807	2.998723	2.594566
O	-9.798014	4.822478	2.730340
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O	-7.891067	1.995103	-2.258676
Ti	-6.486742	1.424518	-1.205541
O	-7.700332	1.490172	0.313263
O	-8.745324	2.013551	3.392681
Ti	-6.993490	1.940952	2.192732
O	-5.352433	0.810538	1.579043
O	-4.514486	0.556757	-1.216490
Ti	-7.885082	5.026937	-0.306321
O	-8.244485	6.367197	0.940474
Ti	-7.944257	5.328850	2.546836
O	-7.436406	3.806900	1.238987
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O	-5.189732	2.937126	-1.217427
Ti	-4.778309	4.925931	-1.004029
O	-4.822962	5.243829	0.786511
O	-5.485288	3.268865	2.667902
Ti	-4.625804	5.457385	2.726138
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O	-2.797818	3.922625	-1.042543
O	-3.681067	6.290421	-1.845776
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Ti	-1.997018	5.668464	-1.298682
Ti	-1.732430	5.541432	2.325362
Ti	-3.879049	1.940241	2.375601
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Ti	-3.214502	2.023519	-1.064946
Ti	-11.848176	-3.614395	-0.651168
Ti	-12.641863	-3.738384	2.130861
O	-12.004335	-1.969174	-1.475102
Ti	-11.236848	-0.290147	-0.898987
O	-12.407492	0.135270	0.499082
O	-12.757383	-1.862567	2.497769
Ti	-11.883498	-0.021811	2.294383
O	-10.847036	-3.670952	0.999825
O	-10.777315	1.271421	-1.782303
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Ti	-7.777543	-1.743342	-0.729141
O	-13.402346	-4.022890	0.426289
O	-7.024474	-1.554772	0.953775
O	-10.132026	-0.700490	2.261825

Ti	-8.529521	-1.733002	2.512757
Ti	-9.236325	-5.217224	-1.006108
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O	-7.734238	-5.368157	2.447790
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Ti	-9.668721	-5.240102	2.148414
O	-11.705975	-5.266913	2.886879
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O	-6.811304	-2.863255	2.885069
Ti	-5.900357	-4.653530	2.398467
O	-5.510139	-4.938534	0.374335
O	-6.095086	-2.940845	-1.516447
Ti	-6.041596	-4.852456	-1.440731
O	-7.648841	-5.816038	-1.816711
O	-6.683777	-0.521580	-1.789872
O	-7.333295	-0.102150	2.915395
O	-4.274543	-3.144101	2.516461
Ti	-5.372367	-1.202413	2.393217
O	-4.181368	-1.543776	0.617760
O	-3.441832	-1.796575	-2.416733
Ti	-4.774338	-1.397108	-1.225602
O	-2.083183	1.719410	-2.534317
Ti	-0.288095	1.288483	-2.103446
O	-0.313449	1.382979	-0.268259
O	-2.035764	1.784037	3.351765
Ti	-0.655613	1.482136	1.699563
O	0.052192	6.121038	2.680914
O	-0.551223	5.512353	-2.432873
O	0.860916	2.912362	-2.422918
Ti	1.116174	4.779525	-1.814624
O	1.054380	4.875102	0.013089
O	0.677769	3.036909	1.961234
Ti	1.474226	5.197335	1.952699
O	2.718400	6.670926	1.851323
O	2.313558	6.047296	-2.722268
Ti	-1.616343	-2.165632	-1.932800
O	-1.289684	-1.851324	-0.140011
Ti	-2.496093	-2.397742	1.526939
Ti	-2.994077	-5.788633	-2.249536
O	-2.742164	-4.240557	0.743292
O	-3.420297	-6.843255	-0.761659
Ti	-3.483504	-5.963371	0.911645
O	-2.251788	-4.076567	-2.013549
O	-0.664598	-0.618374	-2.702894
O	-1.314869	-0.540448	1.856648
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O	2.467122	1.806521	3.803815

O	4.185244	2.878169	5.926676
Ti	3.893536	3.264960	4.113955
Ti	3.822613	2.667188	7.852693
Ti	2.038319	-0.080451	7.658059
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Ti	1.791212	-0.152294	3.979718
O	-2.614285	-7.821809	8.017788
O	-0.067111	-7.959344	3.401139
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Ti	-1.211322	-6.717686	7.361783
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O	-3.089946	-8.529393	3.509666
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O	0.082657	-3.485729	5.800909
O	0.895780	-4.816841	3.305268
Ti	-0.376007	-3.401574	4.002331
O	3.359800	-0.695764	2.895859
Ti	5.161672	-0.786218	3.825090
O	4.679500	-0.668865	5.584576
O	4.077596	0.568886	7.765258
Ti	5.674720	-0.517912	7.232345
O	7.451519	-1.736840	7.909619
O	7.085366	-1.695031	3.563357
O	5.558444	3.166228	8.860423
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Ti	6.954319	2.688674	4.665135
O	7.004308	3.154949	6.449356
O	6.828695	0.996746	8.138396
Ti	7.453530	3.100873	8.350409
O	8.695139	4.576149	8.529156
O	9.336807	2.040214	7.596687
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Ti	10.054698	3.171340	4.411699
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Ti	10.106935	3.896239	7.509503
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Ti	11.787508	1.465885	7.525826
Ti	12.707574	1.464039	4.721053
O	12.999195	-0.086442	8.267109
Ti	11.971902	-1.752149	7.558218
O	12.656805	-2.273898	5.960406
O	12.638346	-0.354652	4.088372
Ti	11.595695	-2.093985	4.318085
O	10.936153	1.609452	5.649354
O	10.986788	-3.389587	8.005628

O	10.523536	-0.482399	7.345351
Ti	8.646156	0.089473	7.520389
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O	7.478995	-0.261172	5.939029
O	9.880556	-1.449925	4.742763
Ti	8.496481	-0.289769	4.124112
Ti	2.783997	-3.852424	3.654952
O	2.814458	-3.473142	5.530111
Ti	3.076175	-3.554182	7.389802
Ti	1.590699	-7.065021	3.488295
O	2.757420	-5.607868	7.519472
O	3.552199	-8.471607	7.286861
O	1.525628	-6.691792	5.388747
Ti	1.970562	-7.387729	7.013026
O	3.249790	-5.643207	3.078008
Ti	8.445628	-7.954967	7.032735
O	8.645231	-9.205024	5.614958
Ti	8.116156	-7.988038	4.217416
O	8.586583	-6.552326	5.471936
O	6.405271	-8.292602	3.668132
O	6.617844	-7.576778	7.120451
O	5.277929	-5.009683	7.784383
Ti	4.870956	-6.851748	7.090255
O	4.566082	-6.633982	5.311246
O	5.862348	-5.492335	3.251369
Ti	4.723593	-7.273097	3.445135
O	3.062540	-8.276433	3.381896
O	4.563638	-2.861463	3.441130
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Ti	10.097749	-5.093114	7.425644
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Ti	9.925002	-5.444990	4.043101
O	9.416350	-7.371935	2.984015
O	9.951539	-7.042953	7.971839
O	8.324441	-4.483291	7.616529
Ti	6.654380	-3.593419	7.398684
O	6.300036	-3.424854	5.597924
O	8.400801	-4.428707	3.722239
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Ti	-11.660314	1.460493	5.005399
O	-12.281393	2.030217	6.669335
O	-12.941767	0.263901	8.565044
Ti	-11.488578	1.686822	8.359117
O	-10.421066	3.240974	9.092573
O	-10.750604	3.260771	4.751809
O	-10.196570	0.329995	5.136036
Ti	-8.232362	0.424070	4.811202
O	-6.818952	0.068106	6.299212
O	-9.965833	0.642733	8.341928
Ti	-7.996487	0.440921	8.029148
O	-6.378981	-0.921923	8.385139

O	-5.404459	-1.473577	4.528228
Ti	-9.024599	3.500598	5.595729
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Ti	-5.793683	3.533787	4.943479
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Ti	-5.422131	3.903037	8.645879
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O	-2.311249	3.289993	6.455157
Ti	-2.612966	3.466786	4.683062
Ti	-2.154001	3.718381	8.356719
Ti	-4.673798	0.074231	8.652451
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Ti	-4.984134	0.304554	5.303552
Ti	-14.151096	-5.035577	5.225457
Ti	-14.426636	-5.162781	8.117791
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Ti	-13.308903	-1.574321	8.002035
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Ti	-9.662887	-3.356765	5.142049
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O	-8.214299	-6.678816	6.410544
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O	-2.902107	0.374881	9.686377
Ti	-1.708973	-0.081145	7.718307
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Ti	0.688092	3.088993	4.305337
O	0.734373	3.401396	6.076250
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Ti	0.984312	3.645268	8.063005
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Ti	0.809251	-1.879229	9.832728
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O	-1.291511	-9.333184	9.735210
O	-1.128290	-9.519290	13.821275
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Ti	4.389085	-2.259657	9.897025
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Ti	4.844514	-2.044475	13.186256
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O	6.251930	-3.442472	9.682143
O	4.819577	1.924331	14.439007
O	3.869652	1.679043	10.006946
O	5.652014	-0.647680	9.685877
Ti	5.826131	1.371328	10.054620
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Ti	6.550460	1.503916	13.770253
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O	8.767227	-0.322909	9.607439
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Ti	9.660264	1.415290	13.798656
O	11.683482	1.160910	14.056118
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Ti	7.833349	-1.708837	13.282842
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Ti	5.708756	-10.128561	18.488330
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Ti	2.107480	-10.531690	15.435977
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Ti	8.344451	-8.087507	19.078520
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Ti	4.915665	-7.052538	19.271728
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Ti	-8.038730	0.647912	20.635945
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O	-6.565579	-0.982468	21.003451
O	-6.075436	-1.019202	16.560408
O	-6.866380	1.845440	16.793936
O	-4.842840	0.065059	18.691809
Ti	-5.285831	0.760437	17.066507
Ti	-4.905898	0.438527	20.592689
Ti	-6.099851	-2.773010	20.426483
O	-6.129873	-3.151831	18.551178
Ti	-6.390768	-3.072849	16.691453
Ti	-15.105164	-8.088878	16.558896
Ti	-16.024305	-8.086777	19.363937
O	-16.316173	-6.536045	15.818244
Ti	-15.287191	-4.870947	16.527576
O	-15.971411	-4.349427	18.125961
O	-15.954077	-6.268138	19.998105
Ti	-14.909005	-4.530415	19.767811
O	-14.253296	-8.232740	18.434858
O	-14.303120	-3.233321	16.078951
O	-13.839691	-6.141959	16.738729

Ti	-11.962390	-6.714251	16.563878
O	-16.772044	-8.195479	17.713638
O	-10.790879	-6.363627	18.144903
O	-13.194531	-5.175367	19.341775
Ti	-11.811231	-6.336664	19.959839
Ti	-13.424095	-10.520109	16.573632
O	-15.105249	-9.972869	16.032043
O	-12.065318	-8.262018	19.452959
O	-11.605932	-10.583928	20.312061
O	-13.447609	-11.141989	18.311815
Ti	-13.372001	-9.795974	19.671558
O	-15.397943	-9.910774	20.045833
O	-12.654143	-8.664821	16.486650
O	-8.874421	-9.792051	15.222321
O	-9.001546	-10.529480	20.444711
O	-9.404404	-7.683333	20.205127
Ti	-10.271047	-9.314746	19.417354
O	-10.320365	-9.780678	17.633339
O	-10.145101	-7.622335	15.944956
Ti	-10.769993	-9.725848	15.732450
O	-12.012560	-11.200173	15.553554
O	-10.767215	-4.888722	16.173321
O	-10.400396	-4.929892	20.518673
O	-6.675681	-5.930133	21.184903
Ti	-8.477260	-5.839512	20.256922
O	-7.994192	-5.960340	18.497743
O	-7.393267	-7.195559	16.316334
Ti	-8.990360	-6.108446	16.850486
O	-4.431648	-2.957777	15.683300
Ti	-2.475659	-3.564626	16.664378
O	-3.397725	-3.142295	18.280657
O	-4.211580	-1.809692	20.776462
Ti	-2.941205	-3.226673	20.079585
O	-3.248631	1.332927	20.677799
O	-3.586174	1.491850	16.461854
O	-1.510654	-1.789773	16.144626
Ti	-2.105367	0.089070	16.718631
O	-2.092491	-0.015859	18.516980
O	-1.630081	-1.718647	20.709222
Ti	-1.563347	0.519475	20.362075
O	-0.227178	1.900585	20.569862
O	-0.701415	1.191176	16.061951
Ti	-5.354334	-6.545988	16.422944
O	-5.255280	-6.073905	18.281990
Ti	-5.108383	-6.475877	20.100865
Ti	-7.137021	-9.294075	16.228670
O	-5.783892	-8.434060	20.276685
O	-7.499762	-9.505202	18.154700
Ti	-7.209499	-9.893021	19.967053
O	-5.130399	-8.441629	16.462612
O	-3.438924	-5.420026	16.381438
O	-3.626759	-5.097274	20.424918

O	-2.651651	-6.009953	26.783920
O	-2.003007	-6.087474	22.225112
O	-1.065004	-2.551276	26.094887
O	-0.576830	-2.385831	23.337580
O	0.103526	0.216025	24.842733
Ti	0.166521	-0.663880	23.168579
Ti	-0.323239	-0.838425	26.329820
Ti	-1.699362	-4.462572	26.014958
O	-2.026505	-4.776398	24.222210
Ti	-0.820639	-4.230424	22.555013
O	-5.630577	-12.674621	26.803566
O	-3.368979	-12.748754	21.400505
O	-2.765598	-12.138301	26.514993
O	-4.179175	-9.540239	26.504742
Ti	-4.432558	-11.407137	25.896483
O	-4.371749	-11.502413	24.068651
O	-3.994655	-9.665234	22.119789
Ti	-4.791022	-11.825071	22.128697
O	-6.035342	-13.298655	22.229946
O	-1.233561	-8.347154	26.616101
Ti	-3.029179	-7.916467	26.185156
O	-3.003507	-8.011880	24.350046
O	-1.281622	-8.412442	20.729844
Ti	-2.661665	-8.110137	22.381581
O	0.957558	-3.484639	21.565497
Ti	2.055294	-5.425892	21.688518
O	0.864187	-5.083593	23.464550
O	0.126127	-4.830461	26.499352
Ti	1.458053	-5.229931	25.307713
O	3.366206	-6.105972	25.872881
O	4.016724	-6.526266	21.167003
O	1.483250	-1.242448	26.818692
O	1.444486	-0.261036	21.742269
O	3.494032	-3.765180	21.196829
Ti	2.582596	-1.975947	21.683135
O	2.192330	-1.688930	23.705987
O	2.778789	-3.686107	25.598178
Ti	2.723349	-1.774484	25.522047
O	4.331188	-0.811453	25.897729
O	5.292770	-3.109386	24.682687
O	6.229850	-3.210831	21.028071
O	4.416329	-1.261045	21.634450
O	6.302251	-0.407626	23.572109
Ti	6.350964	-1.388290	21.933749
O	8.388110	-1.361352	21.196001
Ti	5.918516	-1.409971	25.088894
O	7.670258	-1.755314	25.825869
Ti	8.531206	-3.012465	24.735252
Ti	9.324489	-2.888154	21.953230
O	8.687143	-4.658039	25.559262
Ti	7.920252	-6.337575	24.983424
O	9.089993	-6.762591	23.586243

O	9.440832	-4.764446	21.587408
Ti	8.566972	-6.605666	21.790125
O	7.530116	-2.956444	23.084009
O	7.461649	-7.898741	25.865518
O	6.181086	-5.664132	24.694789
Ti	4.460863	-4.884287	24.811598
O	10.085263	-2.603641	23.658490
O	3.708143	-5.072928	23.128088
O	6.815427	-5.926835	21.822582
Ti	5.212877	-4.895318	21.569107
Ti	0.561720	-8.568087	21.705788
O	-0.678819	-8.350502	23.305022
Ti	-0.103444	-8.650728	25.146292
Ti	-1.584333	-12.169505	21.756990
O	-0.519607	-10.549875	25.122295
O	0.363295	-12.916861	25.929480
O	-1.683816	-12.649594	23.616441
Ti	-1.319876	-12.295696	25.380451
O	-0.302022	-10.534319	21.691514
Ti	4.569380	-11.653901	24.389333
O	4.930162	-12.994050	23.143411
Ti	4.627990	-11.956680	21.536560
O	4.119783	-10.434445	22.844114
O	3.021977	-12.792206	20.935092
O	3.254657	-11.975082	25.635549
O	1.872418	-9.564469	25.299195
Ti	1.460974	-11.552470	25.086011
O	1.504540	-11.871945	23.296000
O	2.168450	-9.897069	21.414508
Ti	1.309773	-12.085488	21.356405
O	-0.172837	-13.278927	21.185029
O	2.034993	-7.438124	22.502376
O	1.196644	-7.183338	25.296817
Ti	6.034126	-8.917688	25.049780
O	6.791023	-8.979003	23.224929
O	8.591294	-8.506514	21.173263
Ti	6.956334	-9.626270	21.488445
O	6.481318	-11.450067	21.352145
O	6.016255	-10.819201	25.203021
O	4.574087	-8.620744	26.341121
Ti	3.169068	-8.051898	25.288606
O	4.383802	-8.117089	23.769426
O	5.428348	-8.642140	20.689616
Ti	3.676090	-8.568869	21.889731
Ti	-14.055639	-3.089994	22.510685
O	-14.963475	-3.242220	24.200349
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Ti	-14.324652	-3.424318	25.931842
O	-14.185080	-1.662139	26.655629
O	-14.082023	-1.098249	22.027721
O	-12.459551	-4.111487	22.414097
Ti	-10.816937	-4.936187	22.792560

O	-10.390550	-4.639144	24.650104
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Ti	-10.793535	-4.658747	26.435334
O	-8.877659	-5.711500	26.972495
O	-8.823593	-5.884489	22.471399
Ti	-12.667406	-0.161357	23.029265
O	-13.045305	0.653239	24.714286
Ti	-12.712894	-0.905957	25.765572
O	-12.669959	-1.941745	24.145945
O	-11.200522	-0.861709	26.847623
O	-10.849498	-0.224258	22.840516
O	-9.567661	-3.270089	22.505435
Ti	-9.256359	-1.296858	22.928623
O	-9.262037	-1.331140	24.842139
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Ti	-9.359899	-1.402065	26.675829
O	-8.117588	-0.176326	27.489147
O	-7.212230	-2.382150	26.297546
O	-7.162022	-2.305978	23.196337
O	-8.023782	0.403896	22.761869
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Ti	-6.411155	-0.536709	23.271402
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Ti	-7.674600	-4.280268	26.382590
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Ti	-7.410542	-4.329204	22.747412
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Ti	-15.973540	-9.231863	24.906618
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Ti	-15.264560	-6.678410	22.065859
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Ti	-15.505682	-6.413064	25.795395
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Ti	-12.539464	-8.304244	22.802982
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O	-12.226582	-6.791303	24.146783
O	-13.987219	-7.362155	26.468021
Ti	-12.276818	-7.664119	25.787801
Ti	-13.597093	-11.995301	22.426977
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O	-12.662702	-9.438797	24.667954
O	-11.997216	-11.590317	26.566054
O	-13.687873	-12.343949	24.259318
Ti	-13.382707	-11.013446	25.506238
O	-15.071393	-10.411232	26.066598
O	-13.517617	-10.024873	21.907048
O	-8.982863	-12.568095	21.916881
O	-8.968312	-11.584069	26.841394
O	-10.662313	-9.000946	26.296258

Ti	-10.364786	-10.870326	25.801039
O	-10.242899	-11.165866	24.004217
O	-10.800622	-9.307302	22.496417
Ti	-10.447339	-11.329131	21.926015
O	-11.975254	-12.604727	21.902028
O	-11.176859	-6.866998	21.954165
O	-11.158295	-6.588222	26.945195
O	-7.703434	-8.288242	27.037700
Ti	-9.238756	-7.515590	26.319984
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O	-5.449790	-3.961847	22.012742
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Ti	-4.609248	-5.164739	26.497984
O	-4.758666	-0.971101	27.281867
O	-4.588298	-0.204872	22.662921
O	-2.856669	-3.389453	22.335036
Ti	-2.932797	-1.356939	22.591528
O	-3.262130	-1.506476	24.527031
O	-3.436189	-3.517798	26.816832
Ti	-3.191225	-1.594836	26.376273
O	-1.911677	-0.267148	27.095735
O	-1.501062	0.074599	22.453783
Ti	-5.853636	-8.684791	22.561718
O	-6.177120	-7.994977	24.293582
Ti	-6.084702	-8.525913	26.074957
Ti	-7.470708	-12.385567	22.932534
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O	-6.606158	-10.636094	22.819022
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O	2.339480	2.192815	2.148448
O	2.162026	2.024931	-2.736966
O	4.423113	5.439450	1.336711
O	4.333464	5.077493	-1.756348
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Ti	5.376633	6.621978	-2.053602
Ti	5.522885	7.000833	1.267458
Ti	3.654869	3.619817	1.465857
O	3.509450	2.871479	-0.251328
Ti	3.543886	3.279925	-2.071790
O	5.060577	2.592000	-2.930509
Ti	6.529214	1.745215	-2.129681
O	6.497274	1.817920	-0.251947
O	5.238119	2.952975	2.168280

Ti	6.642333	1.778459	1.651937
O	8.551502	0.667661	2.081386
O	8.292877	0.629803	-2.769883
O	7.113780	6.592699	2.161116
O	6.965143	5.961800	-2.773638
O	7.918882	3.182828	-2.448515
Ti	8.422405	5.025830	-1.985176
O	8.430391	5.206293	-0.132875
O	8.008077	3.391653	1.992336
Ti	8.599488	5.481538	1.823374
O	10.061639	6.823764	1.898086
O	10.557673	4.156445	1.552605
O	10.409945	3.658960	-1.916131
O	9.882513	6.060482	-2.813027
O	11.734943	6.306617	-0.567973
Ti	11.378239	5.261583	-2.067769
O	13.089973	4.465363	-2.380305
Ti	11.462845	5.866671	1.222973
O	13.130174	5.423770	1.921622
Ti	13.424718	3.543285	1.605978
Ti	13.558712	3.091364	-1.194109
O	14.008142	1.864509	2.505680
Ti	12.845001	0.237678	1.924104
O	13.057337	-0.093950	0.097415
O	13.909743	1.476172	-2.038174
Ti	12.667343	0.022066	-1.760708
O	12.213713	2.884532	0.214069
O	11.231649	1.081001	2.204632
Ti	9.840567	2.299922	1.574076
O	14.728588	3.621226	0.208316
O	9.399277	1.645509	-0.133821
O	11.149779	0.880158	-2.403500
Ti	9.586746	1.855694	-1.950995
O	0.310400	-1.260574	1.987585
O	0.344807	-1.259115	-2.478536
Ti	1.674609	0.258326	1.687934
O	1.640579	0.307905	-0.207253
Ti	1.614760	0.200499	-2.075279
O	-3.981711	-7.916188	2.159165
O	-0.729744	-7.332505	-2.765583
O	-0.991838	-7.884039	1.909749
O	-1.752272	-4.692490	1.942390
Ti	-2.380717	-6.584072	1.697951
O	-2.291048	-6.577203	-0.223654
O	-1.722057	-4.570886	-2.535870
Ti	-2.268298	-6.394889	-2.084945
O	-3.714321	-7.492049	-2.809384
O	1.087760	-4.196457	2.105405
Ti	-0.390703	-3.155846	1.626361
O	-0.330667	-3.188924	-0.278775
O	1.202923	-3.965991	-2.838553
Ti	-0.323283	-3.121763	-2.146902

O	3.141425	-0.695815	-2.690934
Ti	4.672330	-1.568780	-2.043331
O	4.690437	-1.646358	-0.185888
O	3.178752	-0.766837	2.071764
Ti	4.769671	-1.702144	1.722911
O	6.678498	-2.879311	2.067963
O	6.541818	-2.668329	-2.433749
O	5.933494	-0.119147	-2.480424
O	6.050960	-0.136622	1.928008
O	12.582181	-1.669378	2.314467
Ti	11.214933	-3.013172	1.750394
O	11.349356	-3.125499	-0.129985
O	12.447254	-1.732163	-2.385824
Ti	11.000908	-2.932968	-1.968335
O	10.981943	-4.921273	2.162100
O	9.644248	-2.056505	1.917829
Ti	7.902774	-1.319137	1.651236
O	7.814801	-1.150915	-0.220439
O	9.471390	-2.004885	-2.461005
Ti	7.782767	-1.203500	-2.080837
Ti	2.736770	-4.593960	-1.948673
O	2.794370	-4.303543	-0.125748
Ti	2.753249	-4.936056	1.672331
Ti	0.882241	-7.930892	-2.075765
O	1.910915	-6.812005	1.538726
O	2.133434	-9.438503	2.066380
O	0.511520	-8.798213	-0.448590
Ti	0.711746	-8.303740	1.340583
O	1.942777	-6.414198	-1.703180
Ti	7.142356	-8.654725	1.357877
O	7.420014	-9.695640	-0.170772
Ti	7.069894	-8.253820	-1.413358
O	6.651753	-7.193489	0.167163
O	5.553578	-8.451504	-2.449800
O	5.331270	-9.204981	2.096938
O	4.498874	-6.300739	2.032854
Ti	3.737654	-8.136276	1.669356
O	3.708021	-8.167206	-0.199285
O	4.453648	-5.895428	-2.424146
Ti	3.817929	-7.714528	-2.041328
O	2.407921	-8.698042	-2.915240
O	4.133592	-3.396352	-2.653095
O	4.229509	-3.619859	2.174881
Ti	9.556714	-6.116959	1.542059
O	10.007939	-6.267601	-0.272491
O	10.568148	-4.675208	-2.597400
Ti	9.276534	-5.909094	-1.956266
O	8.608025	-7.691933	-2.295458
O	8.902679	-7.977510	1.895952
O	8.057564	-5.072151	1.593312
Ti	6.106045	-4.934700	1.814896
O	5.708887	-4.596840	-0.069825

O	7.606329	-5.133779	-2.260317
Ti	5.843941	-4.490761	-1.885209
Ti	-8.968459	5.767658	-1.768175
O	-9.076676	5.704247	0.137866
O	-10.799847	5.042558	2.207715
Ti	-9.132358	6.028289	1.991393
O	-8.427475	7.838014	2.516086
O	-8.526166	7.622356	-1.798908
O	-7.389302	5.194904	-2.565326
Ti	-5.709739	4.439354	-2.079264
O	-5.736523	4.517555	-0.236631
O	-7.587069	5.131500	2.718024
Ti	-5.812462	4.996072	1.633219
O	-4.045238	3.758503	2.012265
O	-3.990340	3.343925	-2.735947
Ti	-6.905377	8.021750	-0.954446
O	-7.186302	9.393205	0.317097
Ti	-6.653994	8.438287	1.858353
O	-6.414923	6.833938	0.629985
O	-5.001425	9.307310	2.168304
O	-5.489513	8.226800	-2.078825
O	-4.278964	5.846905	-2.433707
Ti	-3.629143	7.642965	-1.826713
O	-3.522741	7.955400	-0.016086
O	-4.263038	6.336802	2.103059
Ti	-3.359054	8.425371	1.890775
O	-1.809216	9.578399	1.937574
O	-1.658094	6.880787	1.555740
O	-1.756701	6.361253	-1.714395
O	-2.311398	8.705779	-2.739962
O	-0.226630	8.792055	-0.504684
Ti	-0.708395	7.907412	-2.069310
Ti	-0.495752	8.397167	1.309080
Ti	-2.568734	5.092758	1.526970
O	-2.623690	4.281373	-0.185456
Ti	-2.597305	4.566519	-2.022465
O	-10.426372	4.806826	-2.450295
O	-1.062287	3.933255	-2.885891
Ti	0.455834	3.155867	-2.100797
O	0.485008	3.315717	-0.220229
O	-0.936506	4.438258	2.181684
Ti	0.488060	3.329795	1.680824
O	1.132496	8.062731	2.123159
O	0.877089	7.291567	-2.795632
O	1.861540	4.576094	-2.483724
Ti	2.395837	6.416486	-1.977668
O	2.285503	6.579233	-0.133649
O	1.936629	4.805231	2.080196
Ti	2.599302	6.894392	1.787667
O	4.150584	8.085122	1.874521
O	3.846290	7.480592	-2.720098
Ti	-10.934180	3.010770	-1.998664

O	-11.416368	3.282503	-0.214584
O	-12.561286	1.811151	2.010003
Ti	-11.209444	3.189336	1.668725
O	-9.364359	2.122677	-2.451666
Ti	-7.728525	1.204392	-2.103228
O	-7.748549	1.174809	-0.246898
O	-9.560601	2.348873	1.754542
Ti	-7.879527	1.479043	1.638944
O	-6.030051	0.261922	1.896432
O	-5.916334	0.160779	-2.781401
O	-6.464416	2.648701	-2.555749
O	-6.615058	3.023255	1.890574
Ti	-4.711755	1.821078	1.559603
O	-4.686147	1.618871	-0.334166
Ti	-4.605411	1.517175	-2.199685
Ti	-13.593816	-3.229382	-1.309145
Ti	-14.239849	-3.446023	1.466662
O	-13.526745	-1.586810	-2.114873
Ti	-12.588858	0.102908	-1.759296
O	-13.553761	0.436150	-0.201936
O	-14.237022	-1.562141	1.865996
Ti	-12.988943	-0.014119	1.531841
O	-12.559194	-3.536443	0.368958
O	-12.289843	1.779405	-2.569309
O	-10.904251	-0.639571	-1.668207
Ti	-9.415238	-1.851726	-1.595501
O	-15.136230	-3.539346	-0.169825
O	-8.743461	-1.892772	0.133538
O	-11.359039	-0.924235	1.386130
Ti	-9.865060	-2.001079	1.822502
Ti	-11.319987	-5.139186	-1.794457
O	-13.074570	-4.645507	-2.403737
O	-10.572427	-3.869110	1.971521
O	-10.162903	-6.392243	2.164318
O	-11.683448	-6.135998	-0.239014
Ti	-11.725109	-5.389196	1.485253
O	-13.503775	-5.174909	2.274561
O	-10.583002	-3.414717	-1.638505
O	-6.888372	-6.095210	-2.666989
O	-7.114843	-6.467468	1.956678
O	-7.928840	-3.265544	2.032064
Ti	-8.502974	-5.170346	1.785678
O	-8.483807	-5.118251	-0.143304
O	-7.848304	-3.205338	-2.424173
Ti	-8.282710	-5.019923	-2.008161
O	-9.875515	-5.844164	-2.729996
O	-8.280887	-0.660540	-2.678917
O	-8.563769	-0.418685	2.124581
O	-5.288759	-2.644254	1.946550
Ti	-6.791206	-1.595505	1.409442
O	-6.213608	-1.593383	-0.449665
O	-4.948013	-2.622117	-2.990251

Ti	-6.401225	-1.698086	-2.275163
O	-3.056850	0.640502	-2.771800
Ti	-1.501671	-0.180270	-2.099456
O	-1.546290	-0.230247	-0.238012
O	-3.078655	0.990035	1.946351
Ti	-1.571311	-0.077270	1.657013
O	-0.238591	1.303510	-2.412920
O	-0.206097	1.432998	1.944826
Ti	-3.421667	-3.267029	-2.062867
O	-3.355324	-2.994911	-0.241995
Ti	-3.659777	-3.438315	1.598322
Ti	-5.208440	-6.672004	-2.039442
O	-4.305190	-5.361800	1.418415
O	-5.605004	-7.497203	-0.399021
Ti	-5.416056	-6.912040	1.361981
O	-4.247806	-5.082404	-1.863392
O	-2.056677	-2.015547	-2.748079
O	-2.223418	-1.995885	2.032792
O	1.110613	0.470615	8.716470
O	1.277707	0.450715	3.935941
O	3.298902	3.537506	7.831817
O	3.359226	3.816577	4.549865
O	4.658351	5.952152	6.367770
Ti	4.469962	5.367389	4.606241
Ti	4.262150	5.127413	8.008372
Ti	2.475218	1.722375	8.030746
O	2.409287	1.450700	6.210442
Ti	2.713934	1.893330	4.369688
O	4.343369	1.100360	4.020676
Ti	5.845090	0.050648	4.558703
O	5.266917	0.048166	6.417526
O	4.003972	1.076760	8.958256
Ti	5.454929	0.153523	8.243069
O	7.334742	-0.883747	8.647312
O	7.618029	-1.126141	3.843647
O	5.941962	4.550549	8.635915
O	6.168098	4.923716	4.010091
O	6.982982	1.719734	3.935611
Ti	7.555339	3.625509	4.181628
O	7.535086	3.572931	6.110558
O	6.901331	1.660542	8.392441
Ti	7.335687	3.475178	7.975206
O	8.928119	4.301825	8.695151
O	9.634419	1.872149	7.606138
O	9.625569	2.324693	3.997631
O	9.214053	4.848596	3.804058
O	10.737403	4.592048	6.203774
Ti	10.778079	3.845938	4.479942
O	12.559248	3.630984	3.693774
Ti	10.372579	3.596496	7.760417
O	12.126750	3.102013	8.371489
Ti	12.646743	1.686759	7.277123

Ti	13.293089	1.902705	4.502113
O	12.582144	0.044367	8.083085
Ti	11.644294	-1.645211	7.728918
O	12.608865	-1.979570	6.170490
O	13.292202	0.019403	4.102806
Ti	12.043568	-1.529655	4.436376
O	11.612391	1.991655	5.599114
O	9.959389	-0.903018	7.636852
Ti	8.469256	0.307534	7.564837
O	14.190246	1.996946	6.138794
O	7.797375	0.347161	5.834910
O	10.413345	-0.619339	4.581873
Ti	8.918923	0.456247	4.146449
O	-0.707251	-2.849087	8.381220
O	-0.739857	-2.978131	4.023701
Ti	0.555625	-1.365366	8.067781
O	0.600450	-1.314309	6.206274
Ti	0.625245	-1.467786	4.311208
O	-4.792452	-9.025848	8.688184
O	-2.078067	-9.607834	3.845605
O	-1.822258	-8.836418	8.763141
O	-2.807651	-6.121891	8.451316
Ti	-3.341810	-7.962256	7.945690
O	-3.232330	-8.125238	6.101651
O	-2.882310	-6.350919	3.888177
Ti	-3.545531	-8.440017	4.180292
O	-5.096886	-9.630112	4.093141
O	0.116357	-5.478320	8.854791
Ti	-1.402192	-4.701373	8.069125
O	-1.430943	-4.861424	6.188529
O	-0.008630	-5.983150	3.786507
Ti	-1.433861	-4.875028	4.287463
O	2.132749	-2.535012	4.022033
Ti	3.765624	-3.366160	4.408704
O	3.739795	-3.164242	6.302491
O	2.110904	-2.185505	8.740292
Ti	3.659484	-3.061782	8.167991
O	5.518621	-4.193794	8.524071
O	5.668610	-4.567757	4.078166
O	5.084200	-1.806707	4.071490
O	4.970561	-1.704638	8.749395
O	11.345920	-3.321722	8.537563
Ti	9.989601	-4.553428	7.967686
O	10.471599	-4.825550	6.184119
O	11.614986	-3.354254	3.958798
Ti	10.263769	-4.733491	4.300648
O	9.480327	-6.350556	8.418746
O	8.419220	-3.664757	8.420086
Ti	6.782815	-2.748825	8.071292
O	6.802393	-2.723031	6.215442
O	8.613963	-3.892921	4.213571
Ti	6.933450	-3.024102	4.329265

Ti	1.622915	-6.638003	4.442061
O	1.677838	-5.825888	6.153690
Ti	1.651081	-6.111224	7.990554
Ti	-0.450037	-9.942220	4.659990
O	0.811144	-7.906153	7.682026
O	1.366369	-10.250067	8.709030
O	-0.719085	-10.337872	6.473559
Ti	-0.236699	-9.452169	8.038141
O	0.712648	-8.426055	4.413931
Ti	5.961252	-9.565602	6.922612
O	6.241256	-10.937123	5.650892
Ti	5.708981	-9.982693	4.109582
O	5.470031	-8.378134	5.337962
O	4.056498	-10.851201	3.799866
O	4.545259	-9.770618	8.046718
O	3.332998	-7.391616	8.403070
Ti	2.685225	-9.187781	7.795404
O	2.576935	-9.500742	5.984845
O	3.317449	-7.881732	3.865362
Ti	2.413462	-9.970533	4.078047
O	0.863439	-11.123354	4.031468
O	3.099277	-5.304049	3.955910
O	3.044287	-4.888564	8.704416
Ti	8.024362	-7.310261	7.735180
O	8.131927	-7.249399	5.829861
O	9.854444	-6.586944	3.761106
Ti	8.186674	-7.570967	3.977928
O	7.482509	-9.382133	3.451236
O	7.581860	-9.165372	7.766829
O	6.444297	-6.737807	8.532932
Ti	4.763780	-5.984301	8.047882
O	4.789251	-6.062492	6.205607
O	6.641824	-6.674419	3.251635
Ti	4.866373	-6.541119	4.335282
Ti	-10.503073	4.572969	4.427031
O	-10.953905	4.722622	6.243381
O	-11.513601	3.130018	8.566788
Ti	-10.221221	4.362893	7.925925
O	-9.552441	6.145374	8.263538
O	-9.847999	6.433086	4.071770
O	-9.004473	3.526680	4.373975
Ti	-7.052458	3.390690	4.154411
O	-6.654782	3.050309	6.038706
O	-8.552587	3.586408	8.229270
Ti	-6.789889	2.943977	7.853888
O	-5.079133	1.849421	8.621220
O	-5.175753	2.075158	3.793801
Ti	-8.086287	7.106065	4.608252
O	-8.363000	8.147270	6.137460
Ti	-8.014188	6.704051	7.379103
O	-7.598633	5.642358	5.799601
O	-6.498574	6.904474	8.416591

O	-6.275482	7.659673	3.870325
O	-5.444405	4.755393	3.935337
Ti	-4.682375	6.590918	4.298496
O	-4.652406	6.619947	6.167922
O	-5.399267	4.348519	8.392910
Ti	-4.762730	6.167745	8.009372
O	-3.354072	7.152299	8.883325
O	-2.888518	4.867948	7.672400
O	-2.856046	5.266745	4.428279
O	-3.079095	7.893695	3.902525
O	-1.457347	7.251767	6.416692
Ti	-1.656735	6.758503	4.626813
Ti	-1.827645	6.385299	8.045553
Ti	-3.682825	3.047621	7.917085
O	-3.739958	2.759227	6.094912
Ti	-3.699250	3.390692	4.295764
O	-11.928388	3.377090	3.806874
O	-2.033579	2.651225	3.863397
Ti	-0.555394	1.610322	4.342023
O	-0.616117	1.643140	6.247274
O	-2.148926	2.420320	8.807849
Ti	-0.622930	1.576279	8.115234
O	-0.215979	5.787566	8.734876
O	0.046696	6.339642	4.057976
O	0.806344	3.147026	4.026150
Ti	1.435030	5.038503	4.270351
O	1.343289	5.032195	6.192098
O	0.775548	3.025759	8.503832
Ti	1.322551	4.849997	8.053587
O	2.767740	5.947204	8.777551
O	3.035292	6.371367	3.809164
Ti	-12.160154	1.468929	4.218836
O	-12.294101	1.580676	6.100173
O	-13.393330	0.187461	8.354373
Ti	-11.946401	1.387361	7.938268
O	-10.590175	0.512097	4.050373
Ti	-8.848318	-0.225965	4.317047
O	-8.760495	-0.393690	6.188944
O	-10.417351	0.458875	8.430500
Ti	-8.729062	-0.343820	8.049436
O	-6.879588	-1.428150	8.447544
O	-6.996593	-1.408219	4.040083
O	-7.624283	1.334663	3.900050
O	-7.487840	1.121487	8.402477
Ti	-5.618344	0.021843	8.011310
O	-5.635778	0.100970	6.153872
Ti	-5.715481	0.157632	4.245313
Ti	-14.370935	-5.086784	4.362089
Ti	-14.505424	-4.635519	7.161936
O	-14.953976	-3.407794	3.462392
Ti	-13.790084	-1.781953	4.044019
O	-14.002300	-1.449095	5.871097

O	-14.856247	-3.020154	8.006088
Ti	-13.613134	-1.566840	7.729236
O	-13.160682	-4.425356	5.753424
O	-13.526846	0.125248	3.654244
O	-12.176870	-2.625357	3.762887
Ti	-10.786603	-3.844927	4.394291
O	-15.674974	-5.165417	5.759370
O	-10.345808	-3.188055	6.101754
O	-12.096098	-2.425747	8.371837
Ti	-10.533502	-3.401444	7.918353
Ti	-12.408576	-7.411098	4.746039
O	-14.074501	-6.966960	4.046588
O	-11.355282	-5.202579	7.881203
O	-10.829331	-7.605510	8.781217
O	-12.681487	-7.853418	6.536098
Ti	-12.325172	-6.807088	8.034841
O	-14.036253	-6.008865	8.347020
O	-11.501496	-5.701441	4.422594
O	-8.059736	-8.136418	3.805800
O	-7.911105	-7.507572	8.742388
O	-8.865319	-4.728857	8.415736
Ti	-9.368214	-6.572261	7.952769
O	-9.375842	-6.752830	6.101429
O	-8.954849	-4.936034	3.974908
Ti	-9.546037	-7.026114	4.144621
O	-11.007904	-8.368358	4.068837
O	-9.497201	-2.212455	3.887062
O	-9.238935	-2.176744	8.738066
O	-6.008278	-4.137451	8.898163
Ti	-7.475417	-3.291895	8.095743
O	-7.444255	-3.364719	6.220255
O	-6.182914	-4.497179	3.798942
Ti	-7.587794	-3.323572	4.315271
O	-4.124563	-0.777900	3.896795
Ti	-2.620619	-1.803416	4.280383
O	-2.586310	-1.852451	6.175600
O	-4.087446	-0.850453	8.659452
Ti	-2.560498	-1.746577	8.043664
O	-1.256441	-0.284521	3.980409
O	-1.290650	-0.286121	8.446905
Ti	-4.600454	-5.165068	4.502036
O	-4.455849	-4.416203	6.218805
Ti	-4.489652	-4.825446	8.039759
Ti	-6.469290	-8.545562	4.699925
O	-5.280725	-6.623277	7.723863
O	-6.843822	-9.043054	6.460389
Ti	-6.322825	-8.166781	8.021105
O	-5.369151	-6.984518	4.630546
O	-3.285052	-3.738273	3.819704
O	-3.108083	-3.570694	8.705167

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O	2.331895	2.188733	1.878174
O	2.222350	2.065354	-2.845440
O	4.503692	5.567201	1.418391
O	4.225262	5.157307	-1.682538
O	5.768938	7.672478	-0.789217
Ti	5.206466	6.654062	-2.231192
Ti	5.395961	7.255676	1.005403
Ti	3.653103	3.661145	1.376682
O	3.619871	2.863443	-0.334080
Ti	3.563074	3.314918	-2.135894
O	5.160850	2.729468	-2.971207
Ti	6.545719	1.694021	-2.248744
O	6.611503	1.804568	-0.387657
O	5.443588	3.234286	1.958958
Ti	6.804332	2.002534	1.520196
O	8.629430	0.859543	1.981377
O	8.326498	0.570100	-2.880533
O	6.909320	7.049611	2.024856
O	6.766610	5.842691	-2.910057
O	8.110935	3.051084	-2.353369
Ti	8.069265	4.938658	-1.899421
O	7.943138	5.289967	-0.092773
O	8.402446	3.396121	1.572049
Ti	8.160756	5.540905	1.897432
O	9.836631	6.634637	1.818970
O	11.119835	3.963176	1.930132
O	10.172061	3.395354	-0.780304
O	9.738123	5.515709	-2.695930
O	11.591473	6.162802	-0.493296
Ti	11.093473	4.811712	-1.668512
O	12.709044	4.016778	-2.197566
Ti	11.411770	5.896652	1.333998
O	13.134424	5.587994	1.966368
Ti	13.307035	3.613417	1.851470
Ti	13.486272	2.806993	-0.980309
O	13.933406	1.851001	2.542360
Ti	12.660526	0.361265	1.965451
O	12.689938	-0.146050	0.090280
O	14.027249	1.284668	-1.893235
Ti	12.598864	-0.024592	-1.762656
O	12.185832	2.380903	0.453972
O	10.999745	1.060588	2.595175
Ti	10.024702	2.257151	1.139632
O	14.504800	3.674483	0.308860
O	9.693703	0.817766	-0.215614
O	11.265887	1.081635	-2.599051
Ti	9.633557	1.605038	-1.871601
O	0.305514	-1.254314	1.818566
O	0.346580	-1.232190	-2.694215
Ti	1.654221	0.269654	1.480212
O	1.624359	0.284818	-0.421780
Ti	1.614689	0.221026	-2.283184

O	-3.695832	-8.023674	1.929652
O	-0.694986	-7.268651	-2.843686
O	-0.728900	-8.190480	1.650686
O	-1.823572	-4.662650	1.760713
Ti	-2.006955	-6.734302	1.758011
O	-2.122154	-6.548344	-0.196552
O	-1.713497	-4.528090	-2.599221
Ti	-2.216747	-6.346064	-2.049340
O	-3.655435	-7.345556	-2.899152
O	1.056910	-4.248468	1.933099
Ti	-0.416581	-3.159206	1.464892
O	-0.273685	-3.133024	-0.435574
O	1.216113	-3.925406	-3.034126
Ti	-0.305631	-3.084494	-2.303751
O	3.144289	-0.658031	-2.949402
Ti	4.657023	-1.552947	-2.312684
O	4.705831	-1.580550	-0.453301
O	3.196273	-0.727026	1.816746
Ti	4.848541	-1.542313	1.456037
O	6.754508	-2.701713	1.856552
O	6.546053	-2.653202	-2.798039
O	5.944097	-0.102327	-2.705518
O	6.136925	0.045268	1.756227
O	12.606238	-1.594593	2.266277
Ti	11.283829	-2.981465	1.733612
O	11.474195	-3.212944	-0.154126
O	12.401878	-1.734100	-2.478520
Ti	11.045129	-3.005339	-1.954142
O	10.864502	-4.893208	2.081538
O	9.688889	-2.014617	1.763380
Ti	8.035400	-1.112466	1.480755
O	7.655437	-1.245408	-0.378533
O	9.499355	-2.074221	-2.432691
Ti	7.786306	-1.275643	-2.223178
Ti	2.752099	-4.568093	-2.170156
O	2.824354	-4.284341	-0.338864
Ti	2.763678	-4.890642	1.460645
Ti	0.956883	-7.899249	-2.320109
O	1.965156	-6.814750	1.513352
O	2.394044	-9.500863	1.803414
O	0.694669	-8.910044	-0.765388
Ti	0.974576	-8.449799	1.023991
O	1.969275	-6.370513	-1.869741
Ti	7.248815	-8.890241	1.284056
O	7.570257	-9.833306	-0.318393
Ti	7.200940	-8.328882	-1.470298
O	6.872360	-7.320778	0.123743
O	5.644460	-8.425947	-2.473325
O	5.419244	-9.188119	1.812357
O	4.634438	-6.172729	1.813893
Ti	3.951928	-8.073792	1.542470
O	3.690193	-7.963924	-0.349343

O	4.500995	-5.858651	-2.667284
Ti	3.895383	-7.663641	-2.194647
O	2.521653	-8.599493	-3.167362
O	4.143188	-3.381111	-2.911261
O	4.201011	-3.477900	1.876384
Ti	9.424082	-6.167998	1.624430
O	9.844524	-6.220918	-0.223657
O	10.630270	-4.747395	-2.596600
Ti	9.291341	-5.947136	-1.982100
O	8.727208	-7.738565	-2.382145
O	8.936133	-8.114165	1.961343
O	7.861247	-5.187351	1.748655
Ti	6.034689	-4.688868	1.526853
O	5.784414	-4.461635	-0.361920
O	7.645260	-5.172526	-2.462244
Ti	5.899980	-4.466750	-2.200011
Ti	-9.038580	5.804332	-1.781642
O	-9.155791	5.808404	0.114676
O	-10.806508	5.095010	2.213922
Ti	-9.155355	6.108643	1.984665
O	-8.450328	7.928053	2.496333
O	-8.585726	7.660805	-1.882568
O	-7.455611	5.214811	-2.572997
Ti	-5.762136	4.459744	-2.128127
O	-5.792423	4.519879	-0.294284
O	-7.642755	5.132632	2.649344
Ti	-5.862000	5.036525	1.579455
O	-4.108127	3.760597	1.906875
O	-4.014952	3.384010	-2.800235
Ti	-6.982793	8.058398	-1.002604
O	-7.255183	9.414700	0.265422
Ti	-6.682142	8.456405	1.815935
O	-6.487425	6.860117	0.560955
O	-5.064539	9.412742	2.067383
O	-5.531238	8.286628	-2.096596
O	-4.331477	5.874568	-2.485880
Ti	-3.703452	7.656067	-1.864237
O	-3.493149	7.945687	-0.053611
O	-4.350656	6.423584	1.957732
Ti	-3.440334	8.502791	1.842171
O	-1.886593	9.684241	1.781845
O	-1.641141	6.966746	1.771173
O	-1.791014	6.393185	-1.760796
O	-2.415754	8.717637	-2.846064
O	-0.301699	8.823695	-0.641824
Ti	-0.806686	7.936056	-2.205154
Ti	-0.564119	8.519728	1.182338
Ti	-2.665959	5.135943	1.534327
O	-2.685424	4.388571	-0.221109
Ti	-2.639121	4.592471	-2.063773
O	-10.491709	4.828194	-2.445708
O	-1.096127	3.980740	-2.950799

Ti	0.440435	3.157416	-2.254488
O	0.476547	3.281842	-0.394134
O	-0.954878	4.455596	2.001185
Ti	0.502368	3.404292	1.526529
O	1.050267	8.218618	2.018192
O	0.763365	7.317250	-2.965910
O	1.859338	4.580944	-2.631577
Ti	2.249380	6.434354	-2.115245
O	2.167619	6.657678	-0.278562
O	1.941906	4.880721	1.744572
Ti	2.472919	6.983548	1.658380
O	3.951221	8.272292	1.517040
O	3.694943	7.433768	-2.980052
Ti	-10.992041	3.026818	-1.979153
O	-11.489971	3.318066	-0.200972
O	-12.680620	1.889990	2.042256
Ti	-11.276057	3.237902	1.689135
O	-9.417608	2.147579	-2.452459
Ti	-7.750670	1.252385	-2.195865
O	-7.770094	1.238591	-0.335286
O	-9.628337	2.386848	1.734165
Ti	-7.955664	1.507639	1.549811
O	-6.092056	0.301898	1.808624
O	-5.928247	0.197910	-2.897318
O	-6.485524	2.680537	-2.677907
O	-6.655279	3.036953	1.821289
Ti	-4.753507	1.848642	1.458623
O	-4.706623	1.639739	-0.443977
Ti	-4.625555	1.540832	-2.302511
Ti	-13.627562	-3.030973	-1.492182
Ti	-14.181037	-3.393161	1.255816
O	-13.705540	-1.406257	-2.405320
Ti	-12.666422	0.100395	-1.805068
O	-13.559589	0.440678	-0.204370
O	-14.365266	-1.528737	1.908299
Ti	-13.075596	0.007680	1.567795
O	-12.615993	-2.896403	0.110077
O	-12.329752	1.797284	-2.569623
O	-10.977344	-0.699326	-1.765455
Ti	-9.398464	-1.761845	-1.710262
O	-15.127152	-3.510175	-0.390513
O	-8.751588	-1.720874	0.037432
O	-11.385471	-0.773212	1.496275
Ti	-9.943190	-1.988941	1.666581
Ti	-11.257072	-5.100094	-1.799851
O	-12.910726	-4.448584	-2.496678
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O	-9.887279	-6.369531	1.898869
O	-11.642449	-6.018110	-0.240769
Ti	-11.632560	-5.419574	1.558849
O	-13.509412	-5.107564	1.771891
O	-10.289482	-3.494133	-1.588222

O	-6.818299	-5.931711	-2.743998
O	-6.951556	-6.843576	1.812220
O	-8.081132	-3.231909	1.878365
Ti	-8.108798	-5.298318	1.818255
O	-8.138254	-5.058907	-0.121666
O	-7.811449	-3.112004	-2.537240
Ti	-8.253005	-4.919919	-1.970469
O	-9.800544	-5.892826	-2.651597
O	-8.289337	-0.586093	-2.813053
O	-8.656015	-0.373639	2.068363
O	-5.346296	-2.654699	1.802399
Ti	-6.859287	-1.566856	1.313348
O	-6.216375	-1.520531	-0.543078
O	-4.922156	-2.601826	-3.074127
Ti	-6.386909	-1.663705	-2.365902
O	-3.058713	0.692258	-2.894323
Ti	-1.499622	-0.147480	-2.267699
O	-1.488098	-0.155132	-0.404306
O	-3.154963	0.913745	1.797834
Ti	-1.589068	-0.050797	1.496847
O	-0.213835	1.321316	-2.666503
O	-0.216907	1.473183	1.806271
Ti	-3.410443	-3.223522	-2.128111
O	-3.338845	-2.835492	-0.328467
Ti	-3.694301	-3.435944	1.456797
Ti	-5.178558	-6.562178	-2.123165
O	-4.395431	-5.349543	1.570760
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Ti	-5.203052	-7.047609	1.218433
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O	1.498687	0.594650	8.202368
O	1.318088	0.476157	3.762877
O	3.575772	4.027050	8.201285
O	3.530692	3.774330	3.782720
O	4.995262	5.509091	5.614126
Ti	4.834453	5.235527	3.746172
Ti	4.709511	5.462616	7.465490
Ti	2.834725	2.125803	7.924817
O	2.741869	1.966430	6.053380
Ti	2.701464	1.905227	4.159502
O	4.298333	1.056344	3.697752
Ti	5.910920	0.155565	4.102799
O	5.753577	0.213509	5.992106
O	4.598677	1.562424	8.454051
Ti	5.860765	0.198625	7.846155
O	7.764311	-0.918439	8.132369
O	7.775120	-0.954089	3.684312
O	6.416627	5.242931	8.205572
O	6.729436	4.893887	3.445885
O	7.074209	1.861113	3.766759

Ti	7.913138	3.522358	4.356688
O	7.786058	3.740242	6.164961
O	7.196041	1.893710	8.154861
Ti	7.855437	4.016286	8.117596
O	9.488188	5.125417	8.278655
O	9.903850	2.503017	8.078444
O	9.801343	2.449845	4.342074
O	9.291677	4.926545	3.621365
O	11.114662	4.813320	5.833247
Ti	10.908225	3.973519	4.165913
O	12.873111	3.605870	3.934799
Ti	10.868225	4.140625	7.550579
O	12.623846	3.665467	8.119407
Ti	13.068251	1.950832	7.487962
Ti	13.413124	1.807789	4.687119
O	13.150934	0.426784	8.607661
Ti	12.144373	-1.317969	7.929034
O	12.914301	-1.629227	6.253922
O	13.403216	-0.013011	4.059900
Ti	12.246412	-1.618332	4.467244
O	11.917026	1.753329	5.951262
O	10.538395	-0.431715	7.883987
Ti	8.972372	0.721478	7.635529
O	14.513616	2.007591	6.214428
O	8.667680	0.692605	5.839974
O	10.532341	-0.944520	4.508320
Ti	9.309840	0.449080	4.003668
O	-0.645539	-2.850570	8.169228
O	-0.700898	-3.017531	3.796026
Ti	0.713628	-1.329774	7.822536
O	0.500660	-1.154307	5.965188
Ti	0.617685	-1.453765	4.105549
O	-5.067178	-9.507867	8.382837
O	-2.126192	-9.589163	3.774064
O	-2.155985	-9.356468	8.182655
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Ti	-3.572001	-8.168150	7.773083
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Ti	-3.680619	-8.504142	4.001200
O	-5.253784	-9.683955	3.879464
O	0.243125	-5.668481	8.151723
Ti	-1.355467	-4.774416	7.843727
O	-1.457630	-4.878758	5.927498
O	-0.285280	-6.141912	3.317614
Ti	-1.555452	-4.843435	4.085915
O	2.197087	-2.439076	3.917609
Ti	3.873325	-3.283290	4.116894
O	4.050338	-3.416357	5.966771
O	2.293898	-2.297308	8.012730
Ti	3.917449	-3.250779	7.851099
O	5.826296	-4.479269	8.153318

O	5.755746	-4.509264	3.748825
O	5.184447	-1.743016	3.729303
O	5.169083	-1.667766	8.158902
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Ti	10.425349	-4.666677	7.745476
O	10.996754	-5.001873	5.989071
O	11.891215	-3.433588	3.847526
Ti	10.409337	-4.719513	4.229311
O	10.000518	-6.573181	8.102395
O	8.808785	-3.746960	7.742197
Ti	7.088219	-2.911313	7.723725
O	6.801186	-2.666042	5.896462
O	8.808565	-3.760549	4.169775
Ti	7.095084	-2.935292	4.054629
Ti	1.535465	-6.584610	3.926384
O	1.652032	-6.282833	5.782151
Ti	1.870511	-6.511596	7.648048
Ti	-0.378443	-9.947637	4.322168
O	0.936883	-8.368317	7.949804
O	1.280737	-11.038325	8.137868
O	-0.598522	-10.403752	6.121480
Ti	-0.361469	-9.829167	7.885803
O	0.823175	-8.434898	4.126431
Ti	6.202959	-10.365714	7.283582
O	6.501303	-11.518525	5.827384
Ti	5.940738	-10.234668	4.484230
O	5.689973	-9.034897	5.980205
O	4.278778	-10.758827	3.862449
O	4.403552	-10.770475	8.109688
O	3.577786	-7.885458	8.095523
Ti	2.770502	-9.710824	7.644899
O	2.623444	-9.649100	5.830753
O	3.446347	-7.830199	3.627688
Ti	2.551374	-9.893237	3.869598
O	0.991143	-11.050004	3.650540
O	3.058532	-5.192296	3.668078
O	3.265300	-5.163950	8.207899
Ti	8.598841	-7.792461	7.494393
O	8.975686	-8.320720	5.705027
O	9.722960	-6.516655	3.757667
Ti	8.325376	-7.900626	4.016600
O	7.410889	-9.668553	3.366434
O	7.924562	-9.646545	7.885657
O	7.099089	-6.740788	7.484463
Ti	5.184454	-6.482308	7.893204
O	4.642597	-6.349471	6.024451
O	6.651186	-7.068541	3.878735
Ti	4.851687	-6.389279	4.205997
Ti	-10.492935	4.706188	4.439051
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O	-11.619448	3.430384	8.177617
Ti	-10.221765	4.813567	7.917655

O	-9.309696	6.581695	8.566440
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O	-8.994093	3.652578	4.448352
Ti	-7.080104	3.395283	4.038485
O	-6.537640	3.264634	5.906808
O	-8.548138	3.980116	8.053174
Ti	-6.749857	3.299002	7.725775
O	-4.954612	2.107731	8.261629
O	-5.158900	2.075411	3.721310
Ti	-8.100408	7.281552	4.645132
O	-8.404835	8.435840	6.098817
Ti	-7.846757	7.152289	7.443923
O	-7.592956	5.950973	5.949771
O	-6.187886	7.678987	8.069926
O	-6.298980	7.686165	3.820117
O	-5.473771	4.797747	3.835581
Ti	-4.667259	6.624420	4.287323
O	-4.537223	6.564952	6.100294
O	-5.348836	4.744542	8.305782
Ti	-4.465915	6.805281	8.064439
O	-2.914650	7.974851	8.279377
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O	-2.835437	5.278005	3.988988
O	-3.173187	7.945334	3.793825
O	-1.303997	7.333755	5.808766
Ti	-1.530519	6.732211	4.052611
Ti	-1.543640	6.880616	7.606887
Ti	-3.436273	3.508652	8.004350
O	-3.550838	3.183754	6.150056
Ti	-3.769876	3.423943	4.288842
O	-11.894000	3.485695	3.830034
O	-2.144538	2.579226	3.777164
Ti	-0.551333	1.679618	4.086890
O	-0.432443	1.771947	6.000178
O	-1.619428	3.057743	8.612358
Ti	-0.345026	1.751510	7.845077
O	0.213259	6.557669	8.157661
O	0.266300	6.236959	3.793155
O	0.882456	3.194102	3.819221
Ti	1.692635	5.061246	4.188541
O	1.749425	5.018440	6.041473
O	1.001025	3.329325	8.188761
Ti	1.741650	5.449947	7.954969
O	3.333018	6.623701	7.948458
O	3.192682	6.383079	3.552438
Ti	-12.316248	1.579208	4.190412
O	-12.890783	1.914317	5.945261
O	-13.778313	0.340796	8.084521
Ti	-12.300066	1.631404	7.704667
O	-10.696248	0.662052	4.197582
Ti	-8.978597	-0.173092	4.213470
O	-8.686924	-0.439817	6.036757

O	-10.695879	0.677600	7.757040
Ti	-8.986127	-0.155281	7.876845
O	-7.071171	-1.349209	8.198943
O	-7.048807	-1.426508	3.764717
O	-7.717980	1.391864	3.782354
O	-7.650282	1.420317	8.181961
Ti	-5.762856	0.195912	7.813752
O	-5.947662	0.331477	5.963413
Ti	-5.805576	0.164246	4.081200
Ti	-14.961736	-5.042410	4.453662
Ti	-15.296572	-4.905009	7.253842
O	-15.030559	-3.527806	3.324082
Ti	-14.024135	-1.780393	4.008071
O	-14.795806	-1.469462	5.681173
O	-15.288608	-3.081388	7.873869
Ti	-14.126626	-1.477193	7.468789
O	-13.803240	-4.849750	5.980882
O	-13.569815	0.117616	3.670758
O	-12.418034	-2.664659	4.060308
Ti	-10.848083	-3.813090	4.309152
O	-16.402481	-5.102508	5.727914
O	-10.536971	-3.774694	6.100881
O	-12.415536	-2.155817	7.432730
Ti	-11.190494	-3.550587	7.939498
Ti	-12.760608	-7.235039	4.388150
O	-14.512271	-6.753730	3.815405
O	-11.691111	-5.544961	7.583926
O	-11.164418	-8.020371	8.310647
O	-12.997689	-7.913533	6.101593
Ti	-12.787813	-7.070152	7.771470
O	-14.754010	-6.702698	7.999790
O	-11.772097	-5.602047	3.864851
O	-8.335771	-8.336147	3.716854
O	-8.580374	-7.950771	8.497727
O	-8.999539	-4.922987	8.173225
Ti	-9.790083	-6.612758	7.590055
O	-9.658282	-6.828777	5.781579
O	-9.066390	-4.978296	3.801866
Ti	-9.743817	-7.095432	3.830033
O	-11.381023	-8.197875	3.634586
O	-9.644948	-2.169731	3.812276
O	-9.662264	-2.131891	8.251113
O	-6.227100	-4.202680	8.250579
Ti	-7.798520	-3.243522	7.827616
O	-7.592978	-3.310658	5.933822
O	-6.505241	-4.671907	3.391495
Ti	-7.748442	-3.282362	4.088989
O	-4.186619	-0.795126	3.918938
Ti	-2.610218	-1.769200	4.107887
O	-2.379175	-1.933081	5.963874
O	-4.089331	-0.651135	8.007030
Ti	-2.514757	-1.647331	7.825685

O	-1.250839	-0.246642	3.757859
O	-1.194499	-0.078654	8.133289
Ti	-4.750817	-5.209900	4.032718
O	-4.595926	-4.884605	5.888870
Ti	-4.610277	-5.011193	7.768968
Ti	-6.629410	-8.572486	4.470256
O	-5.445510	-6.899539	8.097906
O	-6.947459	-8.815601	6.319207
Ti	-6.713677	-8.395669	8.127821
O	-5.495688	-7.051018	4.183497
O	-3.386896	-3.689223	3.707253
O	-3.215924	-3.572134	8.183563
O	0.167663	-1.101530	14.802531
O	0.338059	-1.113446	10.015794
O	2.253583	1.955670	13.614702
O	2.500202	2.231147	10.329005
O	3.527976	4.468062	12.334493
Ti	3.325934	3.941781	10.539170
Ti	3.271963	3.515273	13.910239
Ti	1.527195	0.145739	14.056769
O	1.450463	-0.269976	12.260465
Ti	1.796925	0.326402	10.475574
O	3.448630	-0.455812	10.128097
Ti	4.970443	-1.525064	10.623917
O	4.342255	-1.556505	12.480809
O	3.042155	-0.466546	15.004581
Ti	4.506626	-1.412812	14.305169
O	6.401665	-2.502436	14.752915
O	6.764644	-2.716486	9.875869
O	4.916003	2.891675	14.558356
O	5.177096	3.665653	10.221750
O	6.179887	0.133987	10.052432
Ti	6.325476	2.185309	10.159493
O	6.408704	1.909315	12.085772
O	5.934869	0.034345	14.484294
Ti	6.384165	1.840926	13.936366
O	7.938442	2.775639	14.641104
O	8.492783	0.347336	13.630281
O	8.942723	0.631494	10.033625
O	8.083000	3.309993	10.036908
O	9.777405	2.894757	12.210458
Ti	9.784067	2.308285	10.408194
O	11.653801	2.007578	10.156084
Ti	9.402598	1.989434	13.783016
O	11.084356	1.366276	14.444584
Ti	11.760801	-0.061991	13.431414
Ti	12.318990	0.288502	10.681573
O	11.820755	-1.691500	14.335769
Ti	10.785160	-3.202843	13.737942
O	11.681377	-3.537189	12.137264
O	12.491248	-1.574331	10.028423
Ti	11.194019	-3.104540	10.367617

O	10.746076	-0.173953	11.821785
O	9.092738	-2.426398	13.681039
Ti	7.525943	-1.332818	13.657311
O	13.266893	0.394751	12.324338
O	6.880988	-1.353088	11.908426
O	9.507075	-2.315129	10.430036
Ti	8.057173	-1.108905	10.273743
O	-1.676129	-4.408949	14.602439
O	-1.680289	-4.569392	10.129455
Ti	-0.388507	-2.940498	14.200143
O	-0.404901	-2.942390	12.335801
Ti	-0.310499	-3.045984	10.435858
O	-5.586280	-10.529765	14.906688
O	-2.938517	-11.332936	9.933530
O	-2.652484	-10.405452	14.901330
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Ti	-4.139394	-9.523122	14.050899
O	-4.050617	-9.745251	12.213830
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Ti	-4.355076	-10.087684	10.282343
O	-5.836500	-11.372228	10.428880
O	-0.790697	-7.068393	14.888346
Ti	-2.329127	-6.246370	14.194827
O	-2.365695	-6.376761	12.333034
O	-0.940716	-7.541790	9.935017
Ti	-2.401525	-6.496655	10.415831
O	1.259297	-4.003970	10.129423
Ti	2.858994	-4.936345	10.469976
O	2.813079	-4.727739	12.372481
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Ti	2.736033	-4.625216	14.231382
O	4.595113	-5.764210	14.609737
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O	4.200053	-3.391604	10.124116
O	4.036745	-3.277041	14.819425
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Ti	9.105489	-6.115962	13.913930
O	9.596749	-6.406903	12.134331
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Ti	9.383411	-6.326307	10.244679
O	8.603852	-7.916586	14.378350
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Ti	5.862428	-4.338401	14.128316
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Ti	6.061736	-4.599948	10.383575
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Ti	0.749915	-7.679554	13.997749
Ti	-1.318236	-11.619864	10.759902
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O	-1.579505	-11.921457	12.584628
Ti	-1.080561	-11.024795	14.144168
O	-0.245414	-10.062363	10.171523
Ti	5.093362	-11.146325	12.933855
O	5.365039	-12.503063	11.666058
Ti	4.793213	-11.544825	10.115562
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O	2.443733	-8.961129	14.418173
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Ti	1.553057	-11.594181	10.092532
O	0.004801	-12.781483	10.155200
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Ti	7.149638	-8.891493	13.713112
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Ti	3.967269	-8.125722	10.351997
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Ti	-1.476280	0.069365	10.462545
O	-1.610143	0.044718	12.362559
O	-3.101592	0.835433	14.959837
Ti	-1.575816	-0.002348	14.232495
O	-1.195699	4.164955	14.799244
O	-1.212617	5.125408	10.245076
O	-0.062418	1.567393	10.150788
Ti	0.072731	3.657249	10.162046
O	0.137261	3.428815	12.111343
O	-0.172662	1.436619	14.540372
Ti	0.313281	3.255186	13.956563
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Ti	-13.178196	-0.104293	10.201814
O	-13.369084	0.124424	12.089476
O	-14.289060	-1.363136	14.408763
Ti	-12.936506	-0.084934	13.889279
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Ti	-14.485138	-3.074772	13.698116
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O	-16.396315	-6.771120	11.623084
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Ti	-12.981873	-7.907924	13.608116
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O	-11.710369	-9.717464	10.118609
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Ti	-3.552545	-3.366767	10.448178
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Ti	-3.502081	-3.309953	14.212205
O	-2.200461	-1.838134	10.113947
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O	5.443588	3.234286	1.958958
Ti	6.804332	2.002534	1.520196
O	8.629430	0.859543	1.981377
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Ti	8.069265	4.938658	-1.899421
O	7.943138	5.289967	-0.092773
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Ti	8.160756	5.540905	1.897432
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Ti	11.093473	4.811712	-1.668512
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Ti	11.411770	5.896652	1.333998
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Ti	13.307035	3.613417	1.851470
Ti	13.486272	2.806993	-0.980309
O	13.933406	1.851001	2.542360
Ti	12.660526	0.361265	1.965451
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O	14.027249	1.284668	-1.893235
Ti	12.598864	-0.024592	-1.762656
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Ti	10.024702	2.257151	1.139632
O	14.504800	3.674483	0.308860
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O	11.265887	1.081635	-2.599051
Ti	9.633557	1.605038	-1.871601
O	0.305514	-1.254314	1.818566
O	0.346580	-1.232190	-2.694215
Ti	1.654221	0.269654	1.480212
O	1.624359	0.284818	-0.421780
Ti	1.614689	0.221026	-2.283184
O	-3.695832	-8.023674	1.929652
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O	-0.728900	-8.190480	1.650686
O	-1.823572	-4.662650	1.760713
Ti	-2.006955	-6.734302	1.758011
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Ti	-2.216747	-6.346064	-2.049340

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Ti	-0.416581	-3.159206	1.464892
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Ti	-0.305631	-3.084494	-2.303751
O	3.144289	-0.658031	-2.949402
Ti	4.657023	-1.552947	-2.312684
O	4.705831	-1.580550	-0.453301
O	3.196273	-0.727026	1.816746
Ti	4.848541	-1.542313	1.456037
O	6.754508	-2.701713	1.856552
O	6.546053	-2.653202	-2.798039
O	5.944097	-0.102327	-2.705518
O	6.136925	0.045268	1.756227
O	12.606238	-1.594593	2.266277
Ti	11.283829	-2.981465	1.733612
O	11.474195	-3.212944	-0.154126
O	12.401878	-1.734100	-2.478520
Ti	11.045129	-3.005339	-1.954142
O	10.864502	-4.893208	2.081538
O	9.688889	-2.014617	1.763380
Ti	8.035400	-1.112466	1.480755
O	7.655437	-1.245408	-0.378533
O	9.499355	-2.074221	-2.432691
Ti	7.786306	-1.275643	-2.223178
Ti	2.752099	-4.568093	-2.170156
O	2.824354	-4.284341	-0.338864
Ti	2.763678	-4.890642	1.460645
Ti	0.956883	-7.899249	-2.320109
O	1.965156	-6.814750	1.513352
O	2.394044	-9.500863	1.803414
O	0.694669	-8.910044	-0.765388
Ti	0.974576	-8.449799	1.023991
O	1.969275	-6.370513	-1.869741
Ti	7.248815	-8.890241	1.284056
O	7.570257	-9.833306	-0.318393
Ti	7.200940	-8.328882	-1.470298
O	6.872360	-7.320778	0.123743
O	5.644460	-8.425947	-2.473325
O	5.419244	-9.188119	1.812357
O	4.634438	-6.172729	1.813893
Ti	3.951928	-8.073792	1.542470
O	3.690193	-7.963924	-0.349343
O	4.500995	-5.858651	-2.667284
Ti	3.895383	-7.663641	-2.194647
O	2.521653	-8.599493	-3.167362
O	4.143188	-3.381111	-2.911261
O	4.201011	-3.477900	1.876384
Ti	9.424082	-6.167998	1.624430
O	9.844524	-6.220918	-0.223657
O	10.630270	-4.747395	-2.596600

Ti	9.291341	-5.947136	-1.982100
O	8.727208	-7.738565	-2.382145
O	8.936133	-8.114165	1.961343
O	7.861247	-5.187351	1.748655
Ti	6.034689	-4.688868	1.526853
O	5.784414	-4.461635	-0.361920
O	7.645260	-5.172526	-2.462244
Ti	5.899980	-4.466750	-2.200011
Ti	-9.038580	5.804332	-1.781642
O	-9.155791	5.808404	0.114676
O	-10.806508	5.095010	2.213922
Ti	-9.155355	6.108643	1.984665
O	-8.450328	7.928053	2.496333
O	-8.585726	7.660805	-1.882568
O	-7.455611	5.214811	-2.572997
Ti	-5.762136	4.459744	-2.128127
O	-5.792423	4.519879	-0.294284
O	-7.642755	5.132632	2.649344
Ti	-5.862000	5.036525	1.579455
O	-4.108127	3.760597	1.906875
O	-4.014952	3.384010	-2.800235
Ti	-6.982793	8.058398	-1.002604
O	-7.255183	9.414700	0.265422
Ti	-6.682142	8.456405	1.815935
O	-6.487425	6.860117	0.560955
O	-5.064539	9.412742	2.067383
O	-5.531238	8.286628	-2.096596
O	-4.331477	5.874568	-2.485880
Ti	-3.703452	7.656067	-1.864237
O	-3.493149	7.945687	-0.053611
O	-4.350656	6.423584	1.957732
Ti	-3.440334	8.502791	1.842171
O	-1.886593	9.684241	1.781845
O	-1.641141	6.966746	1.771173
O	-1.791014	6.393185	-1.760796
O	-2.415754	8.717637	-2.846064
O	-0.301699	8.823695	-0.641824
Ti	-0.806686	7.936056	-2.205154
Ti	-0.564119	8.519728	1.182338
Ti	-2.665959	5.135943	1.534327
O	-2.685424	4.388571	-0.221109
Ti	-2.639121	4.592471	-2.063773
O	-10.491709	4.828194	-2.445708
O	-1.096127	3.980740	-2.950799
Ti	0.440435	3.157416	-2.254488
O	0.476547	3.281842	-0.394134
O	-0.954878	4.455596	2.001185
Ti	0.502368	3.404292	1.526529
O	1.050267	8.218618	2.018192
O	0.763365	7.317250	-2.965910
O	1.859338	4.580944	-2.631577
Ti	2.249380	6.434354	-2.115245

O	2.167619	6.657678	-0.278562
O	1.941906	4.880721	1.744572
Ti	2.472919	6.983548	1.658380
O	3.951221	8.272292	1.517040
O	3.694943	7.433768	-2.980052
Ti	-10.992041	3.026818	-1.979153
O	-11.489971	3.318066	-0.200972
O	-12.680620	1.889990	2.042256
Ti	-11.276057	3.237902	1.689135
O	-9.417608	2.147579	-2.452459
Ti	-7.750670	1.252385	-2.195865
O	-7.770094	1.238591	-0.335286
O	-9.628337	2.386848	1.734165
Ti	-7.955664	1.507639	1.549811
O	-6.092056	0.301898	1.808624
O	-5.928247	0.197910	-2.897318
O	-6.485524	2.680537	-2.677907
O	-6.655279	3.036953	1.821289
Ti	-4.753507	1.848642	1.458623
O	-4.706623	1.639739	-0.443977
Ti	-4.625555	1.540832	-2.302511
Ti	-13.627562	-3.030973	-1.492182
Ti	-14.181037	-3.393161	1.255816
O	-13.705540	-1.406257	-2.405320
Ti	-12.666422	0.100395	-1.805068
O	-13.559589	0.440678	-0.204370
O	-14.365266	-1.528737	1.908299
Ti	-13.075596	0.007680	1.567795
O	-12.615993	-2.896403	0.110077
O	-12.329752	1.797284	-2.569623
O	-10.977344	-0.699326	-1.765455
Ti	-9.398464	-1.761845	-1.710262
O	-15.127152	-3.510175	-0.390513
O	-8.751588	-1.720874	0.037432
O	-11.385471	-0.773212	1.496275
Ti	-9.943190	-1.988941	1.666581
Ti	-11.257072	-5.100094	-1.799851
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O	-9.887279	-6.369531	1.898869
O	-11.642449	-6.018110	-0.240769
Ti	-11.632560	-5.419574	1.558849
O	-13.509412	-5.107564	1.771891
O	-10.289482	-3.494133	-1.588222
O	-6.818299	-5.931711	-2.743998
O	-6.951556	-6.843576	1.812220
O	-8.081132	-3.231909	1.878365
Ti	-8.108798	-5.298318	1.818255
O	-8.138254	-5.058907	-0.121666
O	-7.811449	-3.112004	-2.537240
Ti	-8.253005	-4.919919	-1.970469
O	-9.800544	-5.892826	-2.651597

O	-8.289337	-0.586093	-2.813053
O	-8.656015	-0.373639	2.068363
O	-5.346296	-2.654699	1.802399
Ti	-6.859287	-1.566856	1.313348
O	-6.216375	-1.520531	-0.543078
O	-4.922156	-2.601826	-3.074127
Ti	-6.386909	-1.663705	-2.365902
O	-3.058713	0.692258	-2.894323
Ti	-1.499622	-0.147480	-2.267699
O	-1.488098	-0.155132	-0.404306
O	-3.154963	0.913745	1.797834
Ti	-1.589068	-0.050797	1.496847
O	-0.213835	1.321316	-2.666503
O	-0.216907	1.473183	1.806271
Ti	-3.410443	-3.223522	-2.128111
O	-3.338845	-2.835492	-0.328467
Ti	-3.694301	-3.435944	1.456797
Ti	-5.178558	-6.562178	-2.123165
O	-4.395431	-5.349543	1.570760
O	-5.459822	-7.550559	-0.560659
Ti	-5.203052	-7.047609	1.218433
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O	-2.049607	-1.987893	-2.878392
O	-2.234918	-1.983403	1.910883
O	1.498687	0.594650	8.202368
O	1.318088	0.476157	3.762877
O	3.575772	4.027050	8.201285
O	3.530692	3.774330	3.782720
O	4.995262	5.509091	5.614126
Ti	4.834453	5.235527	3.746172
Ti	4.709511	5.462616	7.465490
Ti	2.834725	2.125803	7.924817
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Ti	2.701464	1.905227	4.159502
O	4.298333	1.056344	3.697752
Ti	5.910920	0.155565	4.102799
O	5.753577	0.213509	5.992106
O	4.598677	1.562424	8.454051
Ti	5.860765	0.198625	7.846155
O	7.764311	-0.918439	8.132369
O	7.775120	-0.954089	3.684312
O	6.416627	5.242931	8.205572
O	6.729436	4.893887	3.445885
O	7.074209	1.861113	3.766759
Ti	7.913138	3.522358	4.356688
O	7.786058	3.740242	6.164961
O	7.196041	1.893710	8.154861
Ti	7.855437	4.016286	8.117596
O	9.488188	5.125417	8.278655
O	9.903850	2.503017	8.078444
O	9.801343	2.449845	4.342074
O	9.291677	4.926545	3.621365

O	11.114662	4.813320	5.833247
Ti	10.908225	3.973519	4.165913
O	12.873111	3.605870	3.934799
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O	12.623846	3.665467	8.119407
Ti	13.068251	1.950832	7.487962
Ti	13.413124	1.807789	4.687119
O	13.150934	0.426784	8.607661
Ti	12.144373	-1.317969	7.929034
O	12.914301	-1.629227	6.253922
O	13.403216	-0.013011	4.059900
Ti	12.246412	-1.618332	4.467244
O	11.917026	1.753329	5.951262
O	10.538395	-0.431715	7.883987
Ti	8.972372	0.721478	7.635529
O	14.513616	2.007591	6.214428
O	8.667680	0.692605	5.839974
O	10.532341	-0.944520	4.508320
Ti	9.309840	0.449080	4.003668
O	-0.645539	-2.850570	8.169228
O	-0.700898	-3.017531	3.796026
Ti	0.713628	-1.329774	7.822536
O	0.500660	-1.154307	5.965188
Ti	0.617685	-1.453765	4.105549
O	-5.067178	-9.507867	8.382837
O	-2.126192	-9.589163	3.774064
O	-2.155985	-9.356468	8.182655
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O	-2.925245	-6.405494	3.707055
Ti	-3.680619	-8.504142	4.001200
O	-5.253784	-9.683955	3.879464
O	0.243125	-5.668481	8.151723
Ti	-1.355467	-4.774416	7.843727
O	-1.457630	-4.878758	5.927498
O	-0.285280	-6.141912	3.317614
Ti	-1.555452	-4.843435	4.085915
O	2.197087	-2.439076	3.917609
Ti	3.873325	-3.283290	4.116894
O	4.050338	-3.416357	5.966771
O	2.293898	-2.297308	8.012730
Ti	3.917449	-3.250779	7.851099
O	5.826296	-4.479269	8.153318
O	5.755746	-4.509264	3.748825
O	5.184447	-1.743016	3.729303
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Ti	10.425349	-4.666677	7.745476
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O	11.891215	-3.433588	3.847526
Ti	10.409337	-4.719513	4.229311

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Ti	7.088219	-2.911313	7.723725
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O	8.808565	-3.760549	4.169775
Ti	7.095084	-2.935292	4.054629
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Ti	1.870511	-6.511596	7.648048
Ti	-0.378443	-9.947637	4.322168
O	0.936883	-8.368317	7.949804
O	1.280737	-11.038325	8.137868
O	-0.598522	-10.403752	6.121480
Ti	-0.361469	-9.829167	7.885803
O	0.823175	-8.434898	4.126431
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O	6.501303	-11.518525	5.827384
Ti	5.940738	-10.234668	4.484230
O	5.689973	-9.034897	5.980205
O	4.278778	-10.758827	3.862449
O	4.403552	-10.770475	8.109688
O	3.577786	-7.885458	8.095523
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O	2.623444	-9.649100	5.830753
O	3.446347	-7.830199	3.627688
Ti	2.551374	-9.893237	3.869598
O	0.991143	-11.050004	3.650540
O	3.058532	-5.192296	3.668078
O	3.265300	-5.163950	8.207899
Ti	8.598841	-7.792461	7.494393
O	8.975686	-8.320720	5.705027
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Ti	8.325376	-7.900626	4.016600
O	7.410889	-9.668553	3.366434
O	7.924562	-9.646545	7.885657
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Ti	5.184454	-6.482308	7.893204
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Ti	-10.221765	4.813567	7.917655
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Ti	-6.749857	3.299002	7.725775
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O	-1.303997	7.333755	5.808766
Ti	-1.530519	6.732211	4.052611
Ti	-1.543640	6.880616	7.606887
Ti	-3.436273	3.508652	8.004350
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Ti	-3.769876	3.423943	4.288842
O	-11.894000	3.485695	3.830034
O	-2.144538	2.579226	3.777164
Ti	-0.551333	1.679618	4.086890
O	-0.432443	1.771947	6.000178
O	-1.619428	3.057743	8.612358
Ti	-0.345026	1.751510	7.845077
O	0.213259	6.557669	8.157661
O	0.266300	6.236959	3.793155
O	0.882456	3.194102	3.819221
Ti	1.692635	5.061246	4.188541
O	1.749425	5.018440	6.041473
O	1.001025	3.329325	8.188761
Ti	1.741650	5.449947	7.954969
O	3.333018	6.623701	7.948458
O	3.192682	6.383079	3.552438
Ti	-12.316248	1.579208	4.190412
O	-12.890783	1.914317	5.945261
O	-13.778313	0.340796	8.084521
Ti	-12.300066	1.631404	7.704667
O	-10.696248	0.662052	4.197582
Ti	-8.978597	-0.173092	4.213470
O	-8.686924	-0.439817	6.036757
O	-10.695879	0.677600	7.757040
Ti	-8.986127	-0.155281	7.876845
O	-7.071171	-1.349209	8.198943
O	-7.048807	-1.426508	3.764717
O	-7.717980	1.391864	3.782354
O	-7.650282	1.420317	8.181961
Ti	-5.762856	0.195912	7.813752
O	-5.947662	0.331477	5.963413

Ti	-5.805576	0.164246	4.081200
Ti	-14.961736	-5.042410	4.453662
Ti	-15.296572	-4.905009	7.253842
O	-15.030559	-3.527806	3.324082
Ti	-14.024135	-1.780393	4.008071
O	-14.795806	-1.469462	5.681173
O	-15.288608	-3.081388	7.873869
Ti	-14.126626	-1.477193	7.468789
O	-13.803240	-4.849750	5.980882
O	-13.569815	0.117616	3.670758
O	-12.418034	-2.664659	4.060308
Ti	-10.848083	-3.813090	4.309152
O	-16.402481	-5.102508	5.727914
O	-10.536971	-3.774694	6.100881
O	-12.415536	-2.155817	7.432730
Ti	-11.190494	-3.550587	7.939498
Ti	-12.760608	-7.235039	4.388150
O	-14.512271	-6.753730	3.815405
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O	-12.997689	-7.913533	6.101593
Ti	-12.787813	-7.070152	7.771470
O	-14.754010	-6.702698	7.999790
O	-11.772097	-5.602047	3.864851
O	-8.335771	-8.336147	3.716854
O	-8.580374	-7.950771	8.497727
O	-8.999539	-4.922987	8.173225
Ti	-9.790083	-6.612758	7.590055
O	-9.658282	-6.828777	5.781579
O	-9.066390	-4.978296	3.801866
Ti	-9.743817	-7.095432	3.830033
O	-11.381023	-8.197875	3.634586
O	-9.644948	-2.169731	3.812276
O	-9.662264	-2.131891	8.251113
O	-6.227100	-4.202680	8.250579
Ti	-7.798520	-3.243522	7.827616
O	-7.592978	-3.310658	5.933822
O	-6.505241	-4.671907	3.391495
Ti	-7.748442	-3.282362	4.088989
O	-4.186619	-0.795126	3.918938
Ti	-2.610218	-1.769200	4.107887
O	-2.379175	-1.933081	5.963874
O	-4.089331	-0.651135	8.007030
Ti	-2.514757	-1.647331	7.825685
O	-1.250839	-0.246642	3.757859
O	-1.194499	-0.078654	8.133289
Ti	-4.750817	-5.209900	4.032718
O	-4.595926	-4.884605	5.888870
Ti	-4.610277	-5.011193	7.768968
Ti	-6.629410	-8.572486	4.470256
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O	-6.947459	-8.815601	6.319207

Ti	-6.713677	-8.395669	8.127821
O	-5.495688	-7.051018	4.183497
O	-3.386896	-3.689223	3.707253
O	-3.215924	-3.572134	8.183563
O	0.167663	-1.101530	14.802531
O	0.338059	-1.113446	10.015794
O	2.253583	1.955670	13.614702
O	2.500202	2.231147	10.329005
O	3.527976	4.468062	12.334493
Ti	3.325934	3.941781	10.539170
Ti	3.271963	3.515273	13.910239
Ti	1.527195	0.145739	14.056769
O	1.450463	-0.269976	12.260465
Ti	1.796925	0.326402	10.475574
O	3.448630	-0.455812	10.128097
Ti	4.970443	-1.525064	10.623917
O	4.342255	-1.556505	12.480809
O	3.042155	-0.466546	15.004581
Ti	4.506626	-1.412812	14.305169
O	6.401665	-2.502436	14.752915
O	6.764644	-2.716486	9.875869
O	4.916003	2.891675	14.558356
O	5.177096	3.665653	10.221750
O	6.179887	0.133987	10.052432
Ti	6.325476	2.185309	10.159493
O	6.408704	1.909315	12.085772
O	5.934869	0.034345	14.484294
Ti	6.384165	1.840926	13.936366
O	7.938442	2.775639	14.641104
O	8.492783	0.347336	13.630281
O	8.942723	0.631494	10.033625
O	8.083000	3.309993	10.036908
O	9.777405	2.894757	12.210458
Ti	9.784067	2.308285	10.408194
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Ti	9.402598	1.989434	13.783016
O	11.084356	1.366276	14.444584
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Ti	12.318990	0.288502	10.681573
O	11.820755	-1.691500	14.335769
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O	12.491248	-1.574331	10.028423
Ti	11.194019	-3.104540	10.367617
O	10.746076	-0.173953	11.821785
O	9.092738	-2.426398	13.681039
Ti	7.525943	-1.332818	13.657311
O	13.266893	0.394751	12.324338
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Ti	8.057173	-1.108905	10.273743
O	-1.676129	-4.408949	14.602439

O	-1.680289	-4.569392	10.129455
Ti	-0.388507	-2.940498	14.200143
O	-0.404901	-2.942390	12.335801
Ti	-0.310499	-3.045984	10.435858
O	-5.586280	-10.529765	14.906688
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Ti	-2.329127	-6.246370	14.194827
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Ti	-3.552545	-3.366767	10.448178
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