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Supporting Materials

An amphiphilic catalyst based on sandwich-type polyoxometalate for

deep desulfurization of fuels in ionic liquid Yan Xu, Wen-Wen Ma, Arouna Dolo, Hong Zhang*

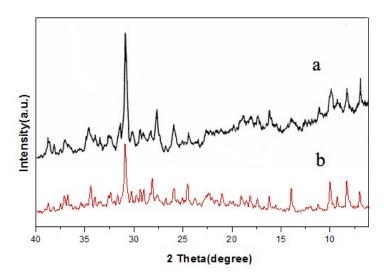


Fig. S1 XRD pattern of $Co_4(PW_9)_2$: (a) prepared by Weakley's method (b) prepared by literature [32].

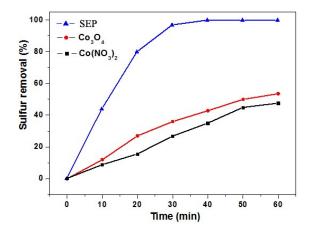


Fig. S2 The conversion of DBT with different catalysts Co_3O_4 , $Co(NO_3)_2$ and SEP. Reaction conditions: Model oil (S in n-octane = 500 ppm) 5 ml, [Bmim]PF₆ = 1 mL, t = 60 min, T = 60°C, O/S = 4, n(sulfur)/n(catalyst) = 20:1.