

Supporting information

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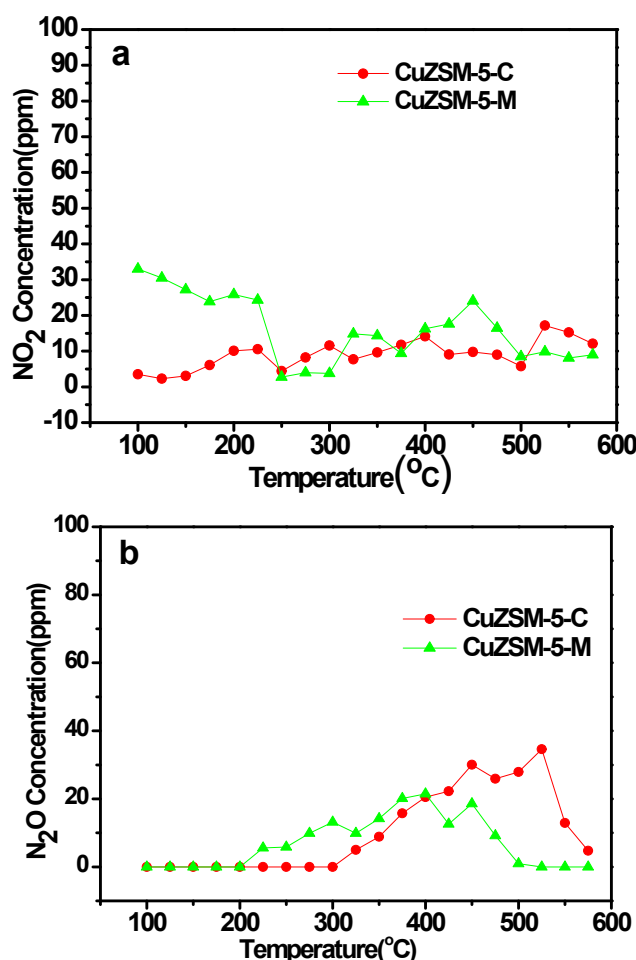


Figure S1. NO₂ and N₂O products on CuZSM-5-M and CuZSM-5-C catalysts over simulated reaction conditions. Reaction conditions: [NO]=[NH₃]=500 ppm, [O₂]=5%, 5% H₂O, GHSV=30,000 h⁻¹.

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Table S1 The engine operating mode at 20,000h⁻¹ and 200°C

20,000h ⁻¹		200°C	
Rotation (r/min)	Load(Nm)	Rotation (r/min)	Load(Nm)
1000	218.2	1300	229
1000	323.7	1700	223
1000	430.6	2000	220
1000	536.7	2200	230
1000	642.2	/	/
1000	749.1	/	/
800	888.5	/	/

*The table S1 only shows the engine operating condition at 20,000h⁻¹ and 200°C, the other engine operating condition could be got as the same procedure.



Fig. S2. The engine bench and CuZSM-5-M&CuZSM-5-C honeycomb monoliths catalysts.

