Supplementary information:

Deactivation of Cu/SSZ-13 NH_3-SCR catalyst by exposure to CO, H_2 and C_3H_6.

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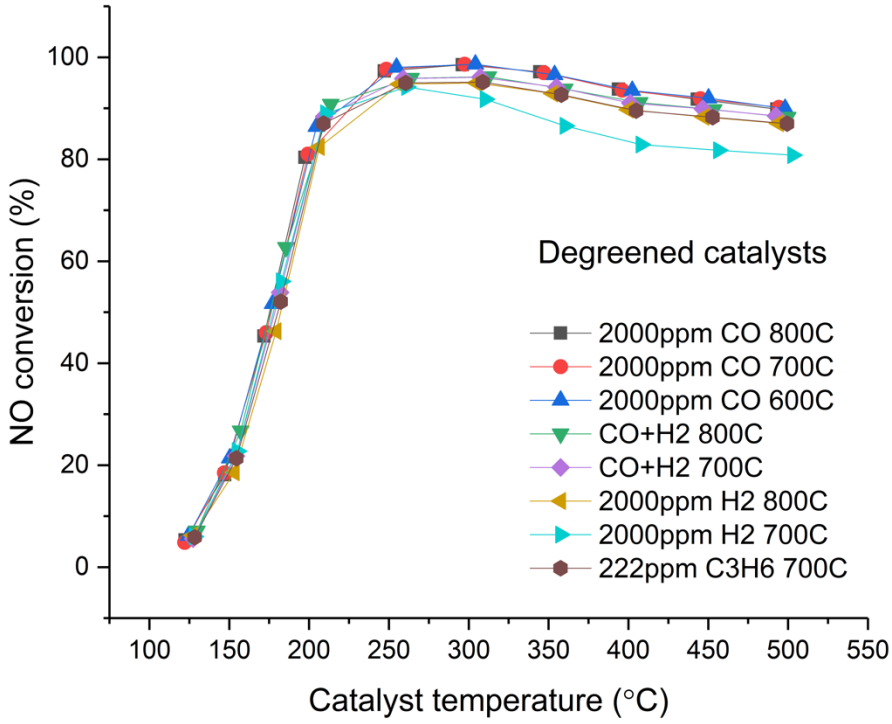

Figure S1: Standard SCR activity (NO conversion) of all samples after degreening, i.e. before their respective aging. Experimental conditions: 500 ppm NH_3, 500 ppm NO, 8 % O_2, 5 % H_2O in Ar, total flow 3.5 L/min.

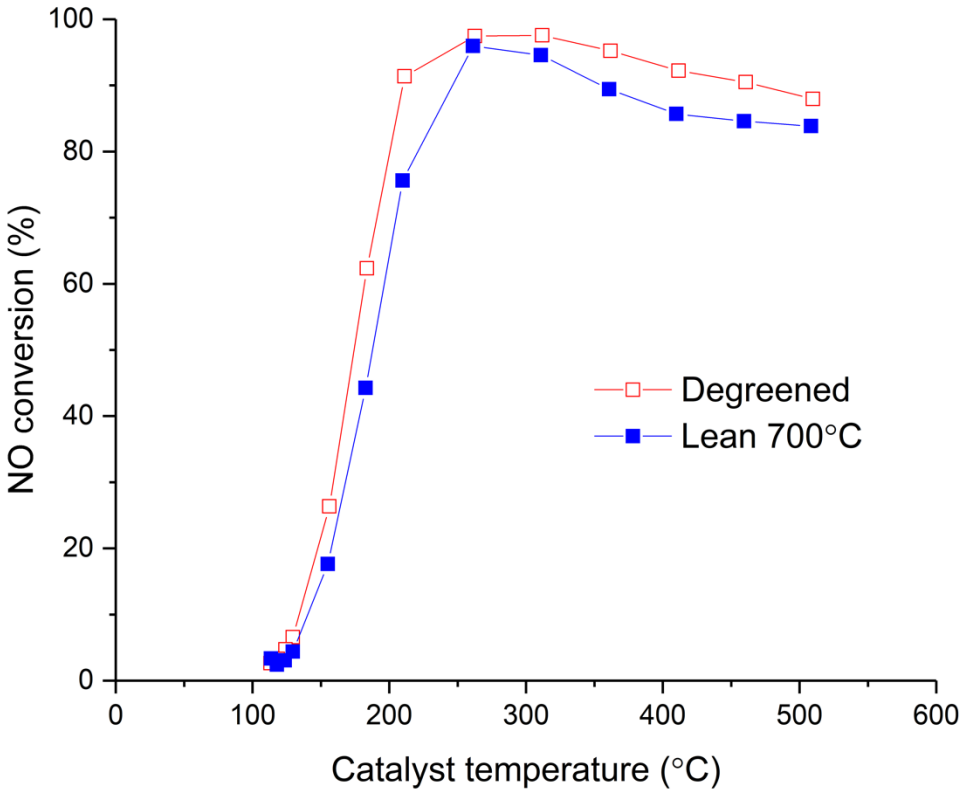

Figure S2: Effect of lean conditions (8% O_2, 10% H_2O, 10% CO_2, 500ppm NO in Ar) on standard SCR activity for catalysts aged 8h at 700°C. NO conversion measured in the range 125-500°C on degreened catalyst. Experimental conditions: 500 ppm NH_3, 500 ppm NO, 8 % O_2, 5 % H_2O in Ar, total flow 3.5 L/min.