Supporting Information

Designing supported ZnNi catalysts for the removal of oxygen from bio-liquids and aromatics from diesel

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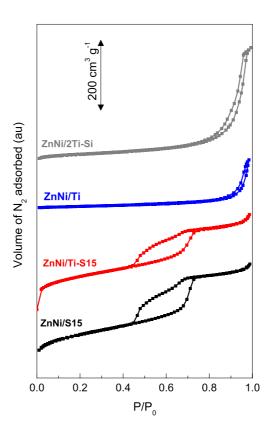


Fig. 1. N₂ adsorption-desorption isotherms at -196 °C of calcined ZnNi catalysts.

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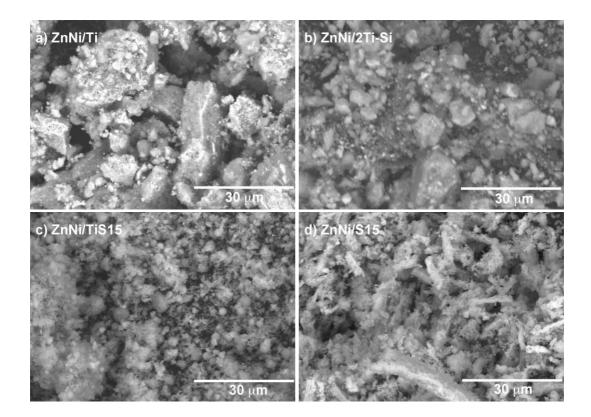
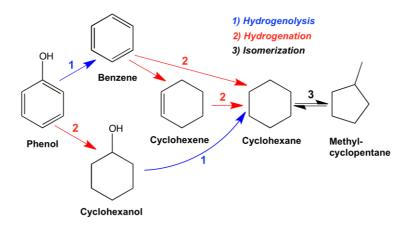


Fig. 2. SEM pictures of spent ZnNi catalysts tested in HDO of phenol (T = 310 °C, P = 3MPa, WHSV = 2.57 h⁻¹).



Scheme 1. Scheme of the phenol HDO over supported ZnNi catalysts.

Scheme 2. Reaction pathways for hydrotreating of aromatics present in synthetic diesel on supported ZnNi catalysts.