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Authors: Rong Guo, Zhengkai Cao, Xiangchen Fang

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The development of catalysts and their stacking technology for diesel ultra-deep hydrosulfurization

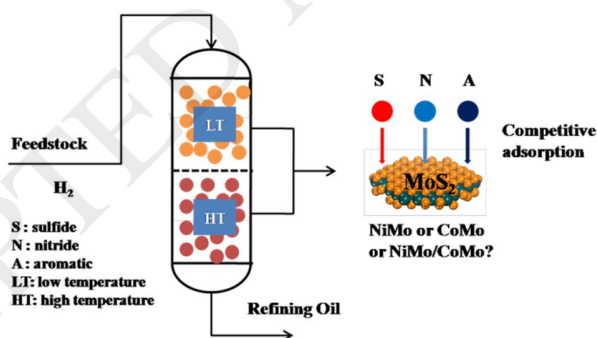
Rong Guo, Zhengkai Cao, Xiangchen Fang*

Dalian Research Institute of Petroleum and Petrochemicals, SINOPEC, Dalian, 116041, Liaoning, China

Phone: +86411-36399569

(*) Corresponding author: fxc@ecust.edu.cn

Graphic abstract



Highlights

- CoMo/FHUDS-5 presents higher alkylation and HDS activity at high temperature.
- NiMo/FHUDS-6 exhibit higher HDS efficiency as processing low-quality feedstock.
- The stacking system of FHUDES-6/FHUDS-5 shows high HDS activity.
- The FHUDES-5 and FHUDES-6 catalysts have been applied in industrial units.

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