

Hydrodesulfurization of straight run and coking naphtha blend using supported catalytic systems

Simona LEPADAT* and Anca APREOTESEI GHITAU

S.C. PETROM – OMV, INCERP-CERCETARE, 129 Republicii Blvd, Ploiesti, Romania

Abstract The level of HDS selectivity for some catalytic systems used to process straight run naphtha and coking naphtha blending was determined by testing them in a micropilot unit. Catalytic systems used in process were NiMo type on different supports such as alumina and hydrotalcite. The experimental results for HDS of different supported catalysts were compared in order to determine their performance.

Keywords: hydrodesulfurization, catalytic systems, hydrotalcite.
