USE OF MTW-ZEOLITE IN SUPPORT FOR HYDROCRACKING CATALYSTS WITH IMPROVED SELECTIVITY AND COLD FLOW PROPERTY OF MIDDLE DISTILLATE

ABSTRACT

The process comprises hydrocracking a hydrocarbon feed in a single stage. The catalyst comprises a base impregnated with metals from Group 6 and Groups 8 through 10 of the Periodic Table. The base of the catalyst used in the present hydrocracking process comprises alumina, an amorphous silica-alumina (ASA) material, a USY zeolite, optionally a beta zeolite, and zeolite ZSM-12.

Fig. 1