

**PROCESS FOR CONVERTING WAX-CONTAINING HYDROCARBON FEEDSTOCKS
INTO HIGH-GRADE MIDDLE DISTILLATE PRODUCTS**

Abstract

The wax-containing hydrocarbon feedstocks are pre-treated by contacting them with a homogeneous solution containing 1-5 vol. % of an acid diluted in an alcohol/water mixture (preferably containing 60-90 vol. % alcohol). The pre-treated feedstock is then contacted, in the presence of hydrogen, with at least two catalysts in sequence and with no intermediate separation, comprising at least one hydrodewaxing catalyst and one hydrocracking catalyst, to recover high-grade middle distillates.