

Reforming of extra viscous oil in the presence of mineral additives of carbonate rock

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Abstract

© Copyright 2016. Conversion of superviscous oil in the presence of mineral additives of carbonate rock. In the presence of carbonaceous additive at a temperature of 360 ° C, degree of aromaticity of the transformed oil increases, sulfur content slightly reduced. In thermobaric conditions of the experiments, the branched structures are actively involved in the process of destruction, formed n- Alkanes contained mainly in the diesel fraction, also reduced output of gasoline fractions. In the samples of transformed oil increased content of nitrogen and carbon, reduced sulfur content.

Keywords

Aquathermolysis, Carbonate rock, Composition, Crude oil, Microstructure