

# **OIL SHALE AS AN ALTERNATIVE SOURCE FOR OBTAINING FUEL COMPONENTS**

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## **ABSTRACT**

This article is devoted to the study of oil shale as an alternative source of raw material for the production of motor fuels components. The optimal parameters of oil shale pyrolysis with shale pitches extraction were experimentally determined. It is ascertained that in the pyrolysis of source shales the output of tars makes 10.8%. The study shows, that preliminary oil shale bacterial processing causes an increased release of shale oil output. The possibility of utilizing oil shale fractions as components of motor fuels has been shown.

**KEY WORDS:** Oil shale and shale oil, bacterial treatment (bio-leaching), pyrolysis, fractions.