

SELECTIVE OXYCRACKING OF HEAVIER COMPONENTS OF NATURAL AND ASSOCIATED PETROLEUM GASES AS A WAY FOR PRODUCTION OF GAS MOTOR FUEL

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Abstract: The possibility, conditions, and limitations of the use of selective oxidative cracking of heavy components of fatty natural and associated petroleum gases for the production of gas-engine fuel that meets the requirements of manufacturers of gas-piston engines are considered.

Keywords: natural gas; associated petroleum gas; alkanes; gas-piston engines; self-ignition delay; methane number; lower calorific value; oxycracking

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