

REASYN

DESCRIPTION

Highly purified low-toxic synthetic oil represented by linear polyalphaolefins is designed to be used as a vehicle for oil-based drilling muds (OBMs). Low viscosity and thickening temperature, high flash point and almost complete absence of aromatic hydrocarbons allow using of the base for the preparation of a wide range of OBMs for almost any drilling conditions.

MAIN PHYSICAL PROPERTIES

Physical appearance	mobile light-yellow fluid
Density at t 40°C, kg/m ³	0.790-0.800
Kinematic viscosity at 40°C, cS.....	<2,55
Open-cup flash point, °C	>95°C
Freezing point, °C	-45°C
Aniline point, °C	>72°C

APPLICATION

Due to its low viscosity and low thickening temperature, this oil is ideal for use in frigid climate, offshore well-drilling at great water depths. Unlike other oils, it is almost free from aromatic hydrocarbons, that reduces greatly the toxicity of ready OBMs with respect to the drilling environment and personnel. Low oil combustibility and low volatility allow avoiding the majority of standard OBM problems and simplifying substantially the preparation and use of OBMs on existing drilling systems.

ADVANTAGES

- Flat rheological profile
- High environmental safety
- Stability of rheological parameters regardless of temperature
- Low value of HTHP filtration
- Low volatility and combustibility

HANDLING

It should be applied in accordance with MSDS requirements and general requirements to transportation, storage and use of industrial chemical reagents. When applying at the drilling site it is recommended to use the standard set of personal protective equipment: glasses, gloves and respirator.

PACKAGING

Reasyn is supplied in containers of capacity 1 m³ each or in bulk.