

REALUBE

DESCRIPTION

A range of high-performance lubricant additives based on natural plant oils or tall oil fatty acids for the treatment of fresh, mineralized, and inhibited drilling muds for onshore and offshore drilling.

MAIN PHYSICAL PROPERTIES

Appearance:brown oily liquid
Fatty acid content no less than:50%
Congealing temperature no higher than: -25 °C
Friction coefficient reduction of 0,5% water solution according to API standard, no less than.....80%
pH of 1% solution:.....7,5-9

APPLICATION

It is designed for the reduction of friction factor in the system “drilling tool – wellbore/boring casing walls” and decrease of differential pressure sticking risk, as well as for the reduction of torque during drilling string rotation, facilitation of drilling tools movement, especially in sub-horizontal and horizontal sections of a wellbore. Depending on the application conditions, there are lubricant additives for drilling of vertical well sections, inclined well sections, and long horizontal well sections.

ADVANTAGES

- It efficiently reduces the friction coefficient in the drilling equipment – wellbore wall system
- It reduces likelihood of balling
- It reduces water loss and improves quality of filter cake
- It reduces likelihood of differential sticking
- It increases penetration rate
- It is compatible with almost all systems of water based drilling fluids
- It does not cause foam formation
- It has low thickening/congealing temperature
- Environmental safety
- Contain no petroleum products
- Readily biodegradable

HANDLING

When applying at the drilling site it is recommended to use the standard set of personal protective equipment: glasses, gloves and respirator. It should be applied in accordance with data provided in MSDS.

PACKAGING

Realube is supplied in steel or polyethylene barrels of capacity 200 liter each. The barrels are placed on pallets in fours and are additionally fixed with tension band.