

Description

FK-N, lubricating additives for drilling fluids based on esters of fatty acids and oils of vegetable and mineral origin for the treatment of all types of water-based drilling fluids (WBM) on a hydrocarbon basis (OBM).

Applications/functions

- Reduced torque and drill string tightening.
 - Replacement of refined or crude oil where its use is prohibited or where increased lubricity is required.
 - Increase the lubricity of water-based drilling mud.
 - Freeing the stuck column at certain concentrations.
-

Advantages

- Gives additional lubricity to pressurized solutions.
 - Works in solutions based on fresh and salt water at different pH values.
 - Does not leave solution at high concentrations of calcium or magnesium.
 - Readily biodegradable.
 - Does not degrade the properties of the drilling fluid.
 - Does not foam or fluoresce in drilling fluid.
 - Resistant to temperatures above 400°F (205°C).
 - Protects process equipment from corrosion and wear.
-

Typical Properties

- | | |
|------------------------------|--------------|
| • Appearance | Brown liquid |
| • pH (1 % aqueous solution) | 6,5-9,5 |
| • Density, g/cm ³ | 0,850-1,050 |
-

Recommended treatment

1. For normal treatment, add 5.7-17.1 kg/m³ to the system.
 2. To free stuck pipe, add 85.6-256.8 kg/m³ in a slug treatment.
-

Package

FK-N is packaged in 208L drums.
