

FK-2000 Plus

Lubricant

Description

FK-2000 Plus is used in water-based drilling fluids as an environmentally friendly lubricant. FK-2000 Plus reduces friction between the drill and casing strings, as well as between the drill string and the borehole walls. FC-2000 Plus is biodegradable.

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).

Typical properties

• Appearance	Brown liquid
• pH (1 % aqueous solution)	8,0
• Density, g/cm ³	0,950-1,090

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-2000 Plus is packaged in 208L drums.
