

EXTREME PRESSURE (EP) LUBRICANT

LUBRICANT

INLU 1000 – PRODUCT DATA SHEET



Description

EP Lubricant is an environmentally friendly water soluble lubricant designed to reduce torque & drag and to lower the potential of bottom hole assembly balling in all water based mud systems, under extreme pressure conditions. It imparts extreme pressure lubricating properties to the drilling fluids by getting adsorbed on the exposed surface and forming a physical barrier in the form of a film.

Application

EP lubricant is specially used in directional and crooked holes, deeper holes, packed holes, where frictional forces tend to be relatively high so as to reduce the loss of mechanical power.

Advantages

- Reduces torque & drag
- Will not adversely affect rheology or gel strength
- Easily miscible in water base muds and works in all fresh water or salt water muds
- Dispersible in water based muds and highly compatible with most additives

Specifications

S.No.	Parameter	Specification
1	Physical State	Free flowing liquid liquid at 24±2°C, free from visible Impurities
2	Lubricity Coefficient <i>of the treated (0.5% w/v) fresh water mud</i>	0.15 (maximum)
3	Lubricity Coefficient <i>of the treated (0.5% w/v) salt water mud</i>	0.20 (maximum)
4	Film strength <i>of the treated (0.5% w/v) fresh water, psi</i>	25000 (minimum)
5	Film strength <i>of the treated (0.5% w/v) salt water mud, psi</i>	20000 (minimum)
6	Foam Test <i>Specific Gravity of the treated (0.5 % w/v) fresh water mud</i>	0.80 (minimum)

Packaging

55 Gal. drum/208 Litre barrels. Customized packaging is available on request.

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