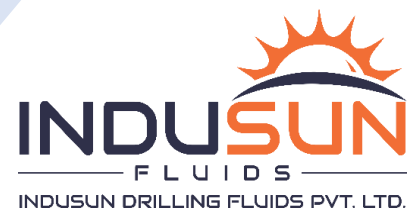


HIGH PERFORMANCE EXTREME PRESSURE (EP) LUBRICANT

INLU 2000 – PRODUCT DATA SHEET



Description

High Performance 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 even in bentonite free muds.

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. Its primary application is in pay zones where Non damaging Drilling Fluids are being used.

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 NDDF, by using a lubricity tester</i>	0.10 (Maximum)
3	Extreme Pressure film strength <i>at 300 in-lb. load and 1000 RPM of treated NDDF, psi</i>	12000 (Minimum)
4	Lubricity coefficient <i>after hot rolled (100 ± 2°C, 16 hrs.) treated 2.0% (w/v) NDDF</i>	Not more than 0.02 unit of the value at Sl. no. 3
5	Film strength <i>of the hot rolled (100 ± 2°C, 16 hrs.) treated 2.0% (w/v) NDDF, Psi</i>	Not less than 25000 psi.
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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