

LUBRA-STAR DRY



LUBRA-STAR DRY is a dry non-toxic, vegetable-based, biodegradable lubricant for drilling applications. LUBRA-STAR DRY is designed for water-based fluid systems. LUBRA-STAR DRY forms a lubricious coating on tooling and the drill string increasing ROPs and reducing the coefficient of friction.

Application

LUBRA-STAR DRY is effective in lateral drilling operations such as Horizontal Directional Drilling (HDD) and in mining coring operations where rate of penetration improvements and hole stability are required. Improved lubricity results in torque and drag reduction allowing faster, deeper and highly deviated drilling.

Advantages

- Readily dispersible and does not form "fish eyes"
- Mixes quickly and easily
- Acts as a minor encapsulator at sufficient quantities
- Tolerant to extreme pressures
- Biodegradable and environmentally friendly
- Compatible in saltwater systems

Typical Usages

Typical Amounts of LUBRA-STAR DRY Added to freshwater		
Drilling Application	lb/bbl	kg/m ³
Initial Treatment	3.5 - 7	10 - 20
Maintenance	2.5 - 4	7 - 11.5

Properties

Physical Appearance	Free tan flowing powder
Specific Gravity	1.4
Density	400 - 700 kg/m ³
Solubility (in water)	Highly dispersible

Packaging

LUBRA-STAR DRY in 50 lbs (22.7 kg) bags