

Drilling Fluids - Lubricants

Torque-Ease



Product Number
9410041

Applications

Improved lubricity results in torque and drag reduction allowing faster, deeper and highly deviated drilling. It 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.

Advantages

- Improves lubricity
- Easily disperses in WBM
- Does not affect mud rheology
- Improves API filtration properties
- Compatible in arctic drilling conditions and is thermally stable to + 300°F.

TORQUE EASE is an ecologically friendly drilling fluid lubricant and shale control additive for water based mud systems. It is based on oleo chemicals, which are derived from natural oils and fats, and is therefore 100% biodegradable.

Method of Addition

- Torque Ease can be added at 0.5–1.0 % by volume for torque and drag reduction.
- Torque Ease can be added at 0.5-2.0% by volume for shale control.
- Torque Ease can be spotted in its concentrated form across a zone where drill pipe is stuck. Sufficient soaking time should be allowed while tension and torque is applied to free rod.

Typical Physical Properties

Form	Dark liquid
Specific gravity	0.900
pH in water	6 – 7
Solubility in water	Highly dispersible

Packaging and Storage

Torque Ease is supplied in 5 gal/18.9 L pails.

