

QDRILL UP

Description

QDRILL UP is an environmentally friendly additive, designed to reduce the swelling of sensitive shales and drill cuttings exposed to water-base drilling fluids, thus improving the rate of penetration (ROP). This product is a highly improved version of polypropylene glycols, and has enhanced lubrication properties.

Applications

QDRILL UP is a versatile product for shale stabilization, increased lubricity and ROP. QDRILL UP is used in all types of water based systems and is compatible with standard mud products. It is easily mixed and dispersed in the mud, and it is not affected by common contaminants.

QDRILL UP is effectively used for horizontal drilling and sliding operations.

Features and Benefits

- Improves shale stability
- Minimal effect on rheological properties of the fluid
- Greatly reduces torque and drag. Highly effective lubricant for horizontal and ERD drilling operations.
- Reduces HTHP fluid loss
- Reduces bit and BHA balling, increasing the ROP.

Typical Properties

Appearance	Viscous liquid
Color	Clear
Specific Gravity	1.03 at 25°C
Flash Point (PMCC)	430°F (221°C)
Solubility	Partially soluble

Recommended Treatment

QDRILL UP is typically added at 2.0 – 4.0 % by volume to the active system. For applications where there is sever torque and drag a higher product concentration should be used. Maintain product concentrations as required by well conditions.

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

QDRILL UP is available in 55 gal (208 L) drums.

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