

DRILTREAT®

Oil Wetting Agent

Product Data Sheet

Product Description

DRILTREAT lecithin liquid dispersion can quickly change the natural water-wetting characteristics of drilled solids and weighting agents in oil muds, making them preferentially oil-wetting. DRILTREAT oil wetting agent is used as a supplementary oil mud additive for improving flow properties and emulsion stability. With its oil-wetting characteristics, DRILTREAT oil wetting agent can be used in the preparation and maintenance of all oil-based drilling and completion fluids.

Applications / Functions

- Helps promote oil-wetting of solids in oil-based muds
- Helps increase the resistance of oil-based muds to water contamination
- Helps reduce interparticle forces when formulating very high density oil-based fluids

Advantages

- Helps act as a secondary emulsifier
- Helps improve flow properties
- Helps coat the surfaces of shale and other solids

Typical Properties

- | | |
|------------------------------|----------------------------|
| • Appearance | Clear viscous amber liquid |
| • Flash point, > | 200 °F |
| • Flash point, > | 93 °C |
| • pH, (10% aqueous solution) | 6.5 |
| • Specific gravity | 1 |

Recommended Treatment

Add 0.25-2.0 lb/bbl (0.71-5.71 kg/m³) of DRILTREAT oil wetting agent directly to the system.

Packaging

DRILTREAT oil wetting agent is packaged in 5-gal (18.9-l) pails and 55-gal (208-l) drums.

HALLIBURTON | Fluid Systems

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