

ENVIRO-THIN™

Thinner

Product Data Sheet

Product Description

ENVIRO-THIN™ thinner is a modified iron lignosulfonate that helps to control rheological and filtration properties of water-based drilling fluids that contain large amounts of drill solids. ENVIRO-THIN thinner can be used to maintain all dispersed water-based drilling fluids. It works effectively to reduce the effect of contaminants at a pH of 9.0 and above and is effective at temperatures up to 325°F (160°C). ENVIRO-THIN thinner contains no chrome and is environmentally more responsible than heavy metal containing lignosulfonate thinners.

Applications / Functions

- Helps reduce flow properties in all kinds of water-based drilling fluids
- Helps provide effective control of filtration rates of water-based muds approaching 325°F (160°C)

Advantages

- Chrome-free, low toxicity thinner for environmentally sensitive areas
- Helps provide effective contaminant tolerance against drilled solids, salt, cement, and anhydrite
- Is stable at temperatures approaching 325°F (160°C)
- Effective at low pH ranges (8.0-9.5)

Typical Properties

- | | |
|-----------------------------|-------------|
| • Appearance | Dark powder |
| • pH, (5% aqueous solution) | 3.5 |

Recommended Treatment

Add 2-6 lb/bbl (5.7-17.1 kg/m³) of ENVIRO-THIN thinner.

Packaging

ENVIRO-THIN thinner is packaged in 50-lb (22.7-kg) sacks.