

DRILTREAT[®]

WETTING AGENT

Product Description

DRILTREAT[®] wetting agent is a powerful oil wetting product used to oil wet drill solids and weighting agents in oil-based drilling fluids. Reduced flow properties are commonly seen after small applications of this product. DRILTREAT wetting agent can also be used to wet/adhere to the surfaces of naturally-occurring natural gas hydrate formations to retard their dispersion and disintegration in a water-based drilling fluid.

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 (93°C)
- » pH, (10% aqueous solution) 6.5
- » Specific gravity: 1

Recommended Treatment

Add 0.25-3.0 lb/bbl (0.71-5.71 kg/m³) of DRILTREAT wetting agent directly to the system.

Packaging

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

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