

HT EA00

HT OBM Emulsifier



Product Description

HT EA00 is a high temperature tolerance emulsifier specially designed for non-aqueous drilling fluids. It is a high-performance emulsifier, which can be stable up to 150°C.

Advantages

- Aid in stable rheology properties
- Stable emulsion stability for water in oil emulsions
- High electrical stability of formulated non-aqueous drilling fluid, e.g. before hot rolling (BHR) and after hot rolling (AHR) at 150oC or higher, ES>400V
- Chemical thermal stability, 150oC or lower

Applications/Recommended Treatment

- Used for downhole temperatures up to 150oC or lower
- Formulated in non-aqueous (diesel, white oil and synthetic based) drilling fluids
- Recommended formulation dosage: 0.5% to 3% based on oil and water ration used
- Successfully applied in field since 2016



Typical Properties

- Appearance: Amber Liquid
- Specific Density, 0.90-0.95 g/cm³
- Product activity, 50-80%
- Viscosity, < 800 cp
- Flash Point, > 100 °F/38 °C
- Pour Point, < 0 °F/-17.7 °C

Packaging and Storage

- 265 Gal (900 Kg) totes (IBCs) or 55 Gal (180 Kg) drums
- Store the product in the containers with closed lids in a dry, cool and well-ventilated place.