

HT EA20

Ultra HT OBM Emulsifier

Product Description

HT EA20 is a high temperature tolerance emulsifier specially designed for non-aqueous drilling fluids. It is a patented high-performance emulsifier, which can be stable up to 225°C.

Advantages

- Aid in stable rheology properties, especially for low end RPM.
- Very 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 225oC or higher, ES>600V
- Chemical thermal stability, 225oC or higher
- Easy and safe handling in use and transportation

Applications/Recommended Treatment

- Used for downhole temperature up to 225oC or higher
- Formulated in non-aqueous (diesel, white oil and synthetic based) drilling fluids
- Recommended formulation dosage: 1% to 3% based on oil and water ration used
- Successfully applied in field since 2016



Typical Properties

- Appearance: Amber Liquid
- Specific Density, 0.95-0.98 g/cm³
- Product activity, 60-100%
- Viscosity, < 2500 cp
- Flash Point, > 100 °F/38 °C
- Pour Point, < 20 °F/-29 °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.