

INVERMUL[®] NT

EMULSIFIER

Product Description

INVERMUL[®] NT primary emulsifier is designed for mineral oil and paraffin based drilling fluid systems. INVERMUL NT emulsifier helps stabilize emulsions, improve solids wetting, and reduce HPHT filtration. INVERMUL NT emulsifier requires the addition of lime to produce a calcium soap in-situ.

Applications/Functions

- » Helps form stable water-in-oil emulsions
- » Helps lower filtration rates
- » Helps impart high temperature stability to oil-based fluids

Advantages

- » Can be added directly to the system
- » Resists electrolyte contamination

Typical Properties

- » Appearance: Dark liquid
- » Flash point, SETA: 156°F (69°C)
- » Specific gravity: 0.94

Recommended Treatment

1. For normal applications, add 4-12 lb/bbl (11.41-34.24 kg/m³)
2. For high temperatures (350°F), add 10-25 lb/bbl (28.53-71.33 kg/m³)
3. For relaxed-filtrate systems, add 0.25-4.0 lb/bbl (0.71-11.41 kg/m³)

Note: For every pound of INVERMUL NT emulsifier that is added to the system, add 0.5 lb/bbl (1.4 kg/m³) of lime.

Packaging

INVERMUL NT emulsifier is packed in 55-gal (208-l), 190-kg drums and in bulk.

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