

EZ MUL[®] NT

EMULSIFIER

Product Description

EZ MUL[®] NT emulsifier is an invert emulsifier and oil-wetting agent for mineral oil and paraffin based drilling fluid systems. EZ MUL NT emulsifier is used as the secondary emulsifier in INVERMUL[®] RF fluid systems. EZ MUL NT emulsifier has minimal alkalinity requirements. When EZ MUL NT emulsifier is used in conjunction with INVERMUL NT emulsifier, high temperature stable invert emulsions with low filtration rates can be obtained.

Applications/Functions

- » Helps prepare ENVIROMUL[™] and INVERMUL RF systems
- » Helps promote oil-wetting in invert emulsion systems
- » Helps improve electrical stability measurements
- » Helps reduce flow properties of invert emulsions

Advantages

- » Effective in small concentrations
- » Can be added directly to the system
- » Thermally stable at temperatures greater than 500°F (260°C)
- » Compatible with other oil-based mud additives

Typical Properties

- » Appearance: Thick red-amber liquid
- » Flash point, PMCC: 149°F (65°C)
- » Specific gravity: 0.96

Recommended Treatment

For ENVIROMUL and INVERMUL RF systems, add 4-12 lb/bbl (11.4-34.2 kg/m³) directly to the system.

For an INVERMUL system, add 2-6 lb/bbl (5.7-17.1 kg/m³) directly to the system.

Packaging

EZ MUL NT emulsifier is packaged in 55-gal (208-l) drums containing 400-lb (181-kg) net weight and in 418-lb (190-kg) drums or bulk.

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