

EZ MUL[®] NS

EMULSIFIER

Product Description

EZ MUL[®] NS emulsifier is an invert emulsifier and oil-wetting agent for mineral oil, paraffin and XP-07[™] base oil drilling fluid systems. EZ MUL NS emulsifier carries a Norway North Sea yellow-rating and is particularly well suited for fluids used in areas with North Sea environmental regulations. EZ MUL NS emulsifier is even more environmentally responsible than EZ MUL[®] NT emulsifier. EZ MUL NS emulsifier has minimal alkalinity requirements.

Applications/Functions

- » Helps prepare ENVIROMUL[™], INNOVERT[®] and XP-07 fluid systems
- » Helps prepare environmentally acceptable NAP fluids
- » 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 260°C (500°F)
- » Compatible with other oil-based mud additives
- » Low pour point for applications in colder areas

Typical Properties

- | | |
|---------------------|------------------------|
| » Appearance | Thick red-amber liquid |
| » Flash point, PMCC | 65°C (81°F) |
| » Specific gravity | 0.96 |

Recommended Treatment

For ENVIROMUL, INNOVERT and XP-07 fluid systems, add 17-34 kg/m³ (6-12 lb/bbl) directly to the system.

Packaging

EZ MUL NS emulsifier is packaged in 55-gal (208-l) drums, 1-m³ IBC (960-kg) and in bulk.

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