PRODUCT DATA SHEET

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.