

# EZ MUL<sup>®</sup>

## EMULSIFIER

### Product Description

EZ MUL<sup>®</sup> emulsifier is both a secondary emulsifier and oil-wetting agent suitable for use in diesel oil based drilling fluid systems. EZ MUL emulsifier can be used as the primary emulsifier in INVERMUL<sup>®</sup> RF relaxed filtrate fluid systems. EZ MUL emulsifier has minimal alkalinity requirements. When EZ MUL emulsifier is used in conjunction with INVERMUL emulsifier, high temperature stable invert emulsions with low filtration rates can be obtained.

### Applications/Functions

- » Prepare INVERMUL and INVERMUL RF fluid systems
- » Promote oil-wetting in invert emulsion systems
- » Improve electrical stability measurements
- » Reduce flow properties of invert emulsions

### Advantages

- » Effective at low 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, dark liquid
- » Flash point, PMCC: 178°F (81°C)
- » Specific gravity: 0.95

### Recommended Treatment

1. For INVERMUL RF systems, add 4-12 lb/bbl (11.4-34.2 kg/m<sup>3</sup>) directly to the system.
2. For an INVERMUL system, add 2-6 lb/bbl (5.7-17.1 kg/m<sup>3</sup>) directly to the system.

### Packaging

EZ MUL emulsifier is packaged in 55-gal (208-l) drums and in bulk.

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