

MAXMUL

Description

MAXMUL is a highly effective emulsifier for oil based drilling fluid systems. It is cost-effective and provides emulsion stability and aids in fluid loss control in a wide range of fluids.

Applications

MAXMUL is used to build invert emulsion drilling fluids, specially containing a synthetic oil as base fluid. It is applicable in wide density and oil/water ratio ranges. MAXMUL produces a highly stable invert emulsion, therefore, there is no need to add a secondary emulsifier. It reduces the adverse effects of contaminants.

MAXMUL oil-wets the weighting agent and drill solids to prevent water wetting, improves thermal and rheological stability.

Features and Benefits

- Highly effective. For a strong emulsion, there is no need to add a secondary emulsifier.
- Compatible with a variety of base oils.
- High emulsion stability in a wide range of base oils qualities.
- Provides good fluid rheological properties even at high temperature > 300° F.

Typical Properties

Appearance	Viscous Liquid
Color	Amber
Specific gravity (25° C)	0.85-1.05
Flash point, closed cup (° F)	200 Min
Solubility in water	Insoluble

Recommended Treatment

The typical dosage of MAXMUL is at 3-10 ppb (8.5 – 28.5 kg/m³) depending on the density, oil/water ratio and rheological requirement. When using MAXMUL it is not necessary to add a secondary emulsifier. Lime is required to fully activate the emulsifier. Pilot testing is suggested to determine the actual treatment required to obtain the desired result.

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

MAXMUL is available in 55 gal (208 L) metal drums.

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