

QMUL II

Description

QMUL II is a proprietary blend of modified tall oil derivatives. It is used to provide supplementary aid to emulsify water/brine into oil and oil-wetting solids in the oil-based fluids. Additionally, it increases the emulsion stability and improves fluid loss control.

Applications

QMUL II is designed as a secondary emulsifier to use with diesel or mineral oils. It is typically used with a primary emulsifier, lime, viscosifier and fluid loss additives to formulate an acceptable oil-based drilling fluid. QMUL II can also be used without a primary emulsifier if needed.

Features and Benefits

- Highly effective
- Compatible with a variety of base oils
- Provides tight emulsion
- High emulsion stability in a wide range of diesel qualities.
- Provides good rheological fluid properties even at high temperature > 300° F

Typical Properties

Appearance	Viscous Liquid
Color	Dark brown
Viscosity (cP at 25° C)	1300
Flash point, closed cup (°F)	204 Min
Pour point (°F)	5

Recommended Treatment

The typical dosage of QMUL II is at 1-4 ppb along with a primary emulsifier depending on the density, oil/water ratio and rheological requirement. Lime is required to fully activate the emulsifier. If used as the only emulsifier, it is recommended to increase the dosage to 3-8 ppb.

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

QMUL II is available in 55 gal (208 L) metal drum, 264 gal (1m³) totes and in bulk.

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