

QMUL C

Description

QMUL C is a specifically formulated combination of modified tall oil derivatives to exhibit both primary and secondary emulsifier characteristics. It is designed to create water/brine in oil emulsion and to enhance oil-wetting of solids.

Applications

QMUL C is a combination of emulsifier used to build invert emulsion drilling fluids with diesel, mineral oil or other synthetic oils. It is a one-drum product, which means no need for a secondary emulsifier.

It is applicable in wide density and oil/water ratio ranges. It provides a high emulsion stability with no water in the filtrate. It is typically used with lime, viscosifier and fluid loss additives to formulate an acceptable oil-base or synthetic based drilling fluid.

Features and Benefits

- Highly effective.
- One drum emulsifier with premium performance.
- Builds strong emulsion at temperature above 350 °F (177°C).
- Easy mixing and requires less blending time even at cold environment.

Typical Properties

Appearance	Viscous Liquid
Color	Dark brown
Flash point, closed cup	190 °F Min (88°C)
Viscosity (cp at 25 °C)	200 cP

Recommended Treatment

The typical dosage of QMUL C is at 3-10 ppb (8.5 – 28.5 kg/m³) depending on the density, oil/water ratio and rheological requirement. Lime is required to fully activate the emulsifier.

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 C is packaged in 55-gal (208 L) metal drum, 264 gal (1 m³) totes and in bulk.

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