



Product Data Sheet

FAMA MUL P[®]

Primary Emulsifier for Oil Base drilling Mud

Product Description

FAMA MUL P is formulated blend of Surfactants for use as primary emulsifier in the brine-in-oil drilling mud systems. **FAMA MUL P** emulsifier provides excellent emulsion stability secondary wetting, viscosity, filtration Control and temperature stability.

APPEARANCE	Viscose Liquid	SOLUBILITY I WATER @ 20°C	Insoluble
COLOUR	Dark Amber	FLASH POINT	>90°C
SPECIFIC GRAVITY	0.85-0.95	POUR POINT	10°C

Application Functions

FAMA MUL P produces stable emulsion which are resistant to high temperature and to Contamination. **FAMA MUL P** imparts good fluid loss properties to the mud. Lime is required to fully activate the emulsion and provide tight fluid loss Control.it is recommended that **FAMA MUL P** be used in Conjunction with **FAMA MUL P** in order to produce invert muds that have excellent emulsion stability with Variety of base oils.

Advantages

- Improves emulsion stability.
- Has secondary wetting agent Capabilities.
- Provides viscosity.
- Helps maintain HPHT fluid loss in a water-free state.
- Will enhance thermal stability and increase contamination tolerance of oil mud.
- Is stable to temperature above 204°C(400°F)

Recommended Treatment

Initial system formulation require 4 to 10 lb/bbl (11.4 to 28.5 kg/m³) depending on properties desired as well as other Component in the Present System. Daily treatment is usually in the 0.05 to 2 lb/bbl. (0.14-5.7 kg/m³) range. High-temperature application and some light mineral oil require higher concentration of **FAMA MUL P**. emulsifier is activated by Calcium and performs best at higher levels (>3 lb/bbl or >8.6 kg/m³) of excess lime. Line should be added to initial formulations for every 1 lb/bbl (2.85 kg/m³) lime should be added to initial formulations for every 1 lb/bbl (2.85 kg/m³) .

Packaging

FAMA MUL P is packed in 55 gallon \ (208 liters) drums.
FAMA MUL P should be stored away from heat and fire sources.