

MUL P

Primary Emulsifier

Product Description

MUL P multi-purpose emulsifier is a liquid blend of selected emulsifiers, wetting agents, gelling agents and fluid stabilizers in oil base. It is used as the basic emulsifier for the oil mud systems. MUL P emulsifier provides excellent emulsion stability, secondary wetting, viscosity, filtration control and temperature stability.

Typical Physical Properties

Physical appearance	Dark-amber, viscous liquid
Specific gravity	0.84-0.96
Flash Point	181.4°F (83°C)

Application

MUL P emulsifier forms the basic brine-in-oil emulsion required for the oil mud systems.

Advantages

- Multi-purpose product which can be used in a wide variety of oil mud systems
- Improves emulsion stability
- Functions as a secondary wetting agent
- Provides viscosity
- Provides filtration control
- Helps maintain high-temperature, high-pressure filtrate in a water-free state
- Improves the thermal stability and contamination-resistance of an oil mud stability

Recommended Treatment

Initial system formulations require 4 to 10 lb/bbl (11.4 to 28.5 kg/m³), depending on the properties desired and other components in the system. Daily treatments of MUL P emulsifier enhance the emulsion characteristics of the system. Daily treatments are usually in the 0.05 to 2 lb/bbl (0.14 to 5.7 kg/m³) range. MUL P emulsifier treatments lower fluid loss and increase viscosity.

MUL P emulsifier is activated by calcium and performs best at higher levels (>3 lb/bbl or >8.6 kg/m³) of excess lime. Generally, 1 lb/bbl (2.85 kg/m³) lime should be added to initial formulations for every 1 lb/bbl (2.85 kg/m³) MUL P emulsifier.

Packaging and Storage

MUL P emulsifier is packaged in 55-gal (208-L) drums.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Important Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and method of use of our product are beyond our control. We recommend that the prospective user determine the suitability of our material and suggestions before adopting them on a commercial scale.