GLYPLUS MC

P1223.0705

WBM Drilling

Product Description

GLYPLUS™ MC is a water soluble polyalkylene glycol designed for high salinity polyglycol systems. It is used to stabilize hydratable and dispersible shales and enhance the lubricating and fluid loss properties of water base drilling fluids.

Product Function

GLYPLUS™ MC stabilizes shales by adsorbing onto clay surfaces and preventing the water from entering the clay matrix.

Features and Benefits

GLYPLUS™ MC stabilizes shales by adsorbing onto clay surfaces and preventing the water from entering the clay matrix. GLYPLUS™ MC when it reaches its cloud point, forms a micro-emulsion which not only enhances lubricity, it has also shown to reduce the dynamic fluid loss and filter cake thickness. GLYPLUS™ MC improves the performance of PHPA based drilling fluids. The use of GLYPLUS™ MC enables water based mud usage where oil based systems were previously the only option. GLYPLUS™ MC has excellent ionic tolerance and is environmentally acceptable.

Recommended Treatment

GLYPLUS™ MC may be used in conjunction with most other common water based drilling fluid products. An addition level of 3–5% is recommended. Potassium ions are not required although enhanced performance is usually seen in their presence.

International Shipping References

Transportation of GLYPLUS™ MC is not restricted by any regulatory agency.

Standard Packing

GLYPLUS™ MC is packaged in 55 USG in HDPE drum.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Liquid
- Reservoir Compatible: Both
- Sub Category: Glycols
- SG value: 1.05
- Cloud Point 5% sea water: 10 ppb KCl - 115 ?C
- Cloud Point 5% sea water: 35 ppb KCl - 71 ?C
- Appearance: Pale yellow to brown colour liquid
- Max Temperature: 300
- Category: Shale Stabilizers
- Product Tier: Regular
- Flash Point: >140 ?C
- Cloud Point 5% sea water: 25 ppb KCl - 87 ?C
- Pour Point: -12 max
- Specific Gravity (25 ?C): 1.00 - 1.03

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