GLYPLUS LC

P1220.0604

WBM Drilling

Product Description

GLYPLUS™ LC is a water soluble polyalkylene glycol designed for low 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™ LC stabilizes shales by adsorbing onto clay surfaces and preventing the water from entering the clay matrix.

Features and Benefits

GLYPLUS™ LC 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™ LC improves the performance of PHPA based drilling fluids. The use of GLYPLUS™ LC enables water based mud usage where oil based systems were previously the only option. GLYPLUS™ LC has excellent ionic tolerance and is environmentally acceptable.

Recommended Treatment

GLYPLUS™ LC 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™ LC is not restricted by any regulatory agency.

Standard Packing

GLYPLUS™ LC is packaged in 200 kgs net steel 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: Non-Reservoir
- Sub Category: Glycols
- SG value: 1.05
- Specific Gravity (25 ?C): 1.05 - 1.06
- Pour Point: -55 max
- Max Temperature: 200
- Category: Shale Stabilizers
- Product Tier: Regular
- Appearance: Clear water white liquid
- Flash Point: >100 ?C

+971 2 610 7000
info@ppc.ae | www.ppc.ae
Abu Dhabi | UAE

PETROCHEM
DRILLING FLUIDS SOLUTIONS
A MAZRUI ENERGY SERVICES COMPANY

Petrochem Performance Chemicals Limited LLC believes in good faith that the information presented in this bulletin is accurate and reliable. No other representation or warranties are given or made in relation to the information or the products of whatsoever nature, and Petrochem Performance Chemicals Limited LLC assumes no responsibility for advice or recommendations made herein or any other information disseminated concerning this product. Petrochem Performance Chemicals Limited LLC will replace or issue credit for the purchase price of any product determined to be defective at delivery. Under no circumstances shall Petrochem Performance Chemicals Limited LLC or its responsible personnel be liable for any special or consequential damages whatsoever.