LUBE-EB 100

P922.0308

WBM Drilling

Product Description

LUBE-EB™ 100 is a highly effective, biodegradable and environmentally friendly ester based lubricant for water based drilling fluids.

Product Function

LUBE-EB™ 100 significantly reduces the coefficient of friction of water–base muds, increases drilling penetration rates, reduces downhole torque and drag on highly deviated and horizontal wells. It prevents differential sticking and bottom–hole assembly balling.

Features and Benefits

LUBE-EB™ 100 is compatible with general water based additives and is resistant to contamination. The addition of LUBE-EB™ 100 will not alter the filtration, rheological and other properties of the mud. LUBE-EB™ 100 is highly effective in common water based drilling fluids. Do not add this product into extremely high pH environment such as green cement and Silicate mud.

Recommended Treatment

LUBE-EB™ 100 normal concentrations is from 1 to 3 % depending on the mud density, mud system and coefficient of reduction required. Higher concentrations may be needed for pills and special applications. After the initial treatment, periodic treatments should be made to maintain the desired concentration. LUBE-EB™ 100 should be added directly to the suction pit at a moderate rate. If a sudden high torque occurs, occasionally when drilling into weak formations, pump a 50–100 bbls pill containing 4–8% of LUBE-EB™ 100.

International Shipping References

Transportation of LUBE-EB™ 100 is not restricted by any regulatory agency.

Standard Packing

LUBE-EB™ 100 is packaged in 52 USG steel drum containing 180 kgs net weight.

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: Ester Based
- SG value: 0.91
- Pour Point: -25 ?C
- Specific Gravity (25 ?C): 0.90 - 0.93
- Max Temperature: 300
- Category: Lubricants
- Product Tier: Regular
- Flash Point (PMCC): >190 ?C
- Appearance: Brown colour liquid

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