

RADIAGREEN EBS

P924.0703

WBM Drilling

Product Description

RADIAGREEN-EBS™ is a highly effective, biodegradable and environmentally friendly ester based lubricant for water based drilling fluids.

Features and Benefits

RADIAGREEN-EBS™ is compatible with general water based additives and is resistant to contamination. The addition of RADIAGREEN-EBS™ will not alter the filtration, rheological and other properties of the mud. RADIAGREEN-EBS™ 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.

International Shipping References

Transportation of RADIAGREEN-EBS™ is not restricted by any regulatory agency.

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
- Max Temperature: 300
- Reservoir Compatible: Both
- Category: Lubricants
- Sub Category: Ester Based
- Product Tier: Premium
- SG value: 0.9594
- Appearance: Yellow to brown liquid
- Specific Gravity (25 °C): 0.92 - 0.94
- Flash Point (CC): >100 °C

Product Function

RADIAGREEN-EBS™ 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.

Recommended Treatment

RADIAGREEN-EBS™ Normal concentrations are 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. RADIAGREEN-EBS™ 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 RADIAGREEN-EBS™.

Standard Packing

RADIAGREEN-EBS™ is packaged in 52 USG steel drum containing 180 kgs net weight.

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DRILLING FLUIDS SOLUTIONS
A MAZRAI ENERGY SERVICES COMPANY

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