BITSOL

P535.0207

WBM Drilling

Product Description

BITSOL™ is a special blend of environmentally acceptable ionic and nonionic surfactants designed to prevent sticky drilled cuttings from “balling up” the bit and drill string.

Product Function

BITSOL™ is utilized to maintain a drill string free of drilled cuttings.

Features and Benefits

BITSOL™ reduces the surface tension on the steel surfaces to prevent the cuttings and wall cake from adhering to the bit and bottom hole assembly. The BITSOL™ surfactant package also has the ability to neutralize the electrostatic charges on the drill string, thereby reducing the attraction the charged clay particles have for the steel surface.

Recommended Treatment

BITSOL™ should be added directly into the mud system to prevent bit balling at a concentration of 0.5–1.0% by volume. If balling does occur it is recommended that a pill containing 2 drums of BITSOL™ in 20 bbls of sea water or fresh water be pumped through the bit. In order to avoid aeration of the mud, the BITSOL™ should be added to the mud system with stirring, not through the mixing hopper.

International Shipping References

Transportation of BITSOL™ is not restricted by any regulatory agency.

Standard Packing

BITSOL™ is packaged in 55 USG (208 liters) steel drum containing 210 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: Non-Reservoir
- Sub Category: Surfactant
- SG value: 1
- pH (Neat): 5 - 8
- Flash Point: >100 ?C
- Max Temperature: 300
- Category: ROP Enhancers
- Product Tier: Regular
- Appearance: Colourless liquid
- Specific Gravity (25 ?C): 0.99 - 1.01

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

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DRILLING FLUIDS SOLUTIONS
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