DRISTEMP® POLYMER

P772.1603

WBM Drilling

Product Description

Dristemp® Polymer is a white, free-flowing synthetic polymer designed for high temperature drilling environments. It is compatible with all commonly used materials in water-based drilling fluids and is used for high temperature fluid loss control and inhibition of cutting and shales. In typical fresh and saltwater muds, it performed well up to 375 °F in lab testing and has shown excellent performance in formate fluids above 400 °F. In field muds, thermal stability might be expected to be higher.

Product Function

Dristemp® Polymer is an excellent replacement for starch in hard, salty systems particularly as increasing down hole temperatures degrade such products. It will also contribute to shale inhibition and cuttings integrity.

Features and Benefits

Works well at any salinity - Reduces differential sticking tendencies - Is calcium tolerant to 5,000 ppm - Temperature stable to 375 °F (190 °C) - Can improve thermal stability of whole mud system - Non-fermenting - Helps maintain the integrity of cuttings - Inhibits hydratable and sloughing shale - Increases the effectiveness of solids control equipment - Hydrates quickly without forming “fish-eyes” - Improves drilling fluid suspension properties specially where barite settling can be an issue - Works well in formate muds

Recommended Treatment

HTHP Fluid-loss control: 1 to 6 ppb Shale Inhibition /encapsulation: 0.5 to 3.0 ppb Completion & workover fluids: 0.5 to 6.0 ppb

International Shipping References

Transportation of Dristemp® Polymer is not restricted by any regulatory agency.

Standard Packing

Dristemp® Polymer: 50-pound, multiwall paper sacks, 40 sacks per pallet. Note: Dristemp® Polymer is a trade mark of Drilling Specialies Company.

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: Solid
- Reservoir Compatible: Both
- Sub Category: Synthetic Starch
- SG value: 1.44
- Mixing: Mix slowly through conventional jet hopper
- Max Temperature: 375
- Category: Filtration Control
- Product Tier: Regular
- Appearance: Free Flowing Powder

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

PETROCHEM
DRILLING FLUIDS SOLUTIONS
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