PETROTEMP HT

P786.2301

WBM Drilling

Product Description

PETROTEMP HT is a 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, PETROTEMP HT perfoms 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

Provide viscosity in water based muds in fresh and saltwater muds in BHT temperatures up to 375 °F.

Features and Benefits

Works well at any salinity. Is calcium tolerant to 5,000 ppm. Temperature stable to 375 °F (190 °C). Can improve thermal stability of whole mud system. Non-fermenting. Improves drilling fluid suspension properties compared to other competitive high temperature materials where barite settling can be an issue. Works well in formate muds.

Recommended Treatment

For HTHP Fluid-loss control use 1 to 6 ppb. For rheology control use 0.5 to 5 ppb. Mix slowly through conventional jet hopper.

International Shipping References

Transportation of PETROTEMP HT is not restricted by any regulatory agency.

Standard Packing

PETROTEMP HT is presented in 25 kg sacks.

Safe Handling Recommendations

For specific instruction on handling refer to the SDS.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Both
- Sub Category: High Temperature
- SG value: 0
- Molecular Weight: Medium
- Bulk Density: 0.6 - 0.9
- Max Temperature: 375
- Category: Viscosifiers
- Product Tier: X-Premium
- Appearance: White powder
- Ionic nature: Anionic

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DRILLING FLUIDS SOLUTIONS
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