TRUVENKTROL HT

P771.1403

WBM Drilling

Product Description

TRUVENKTROL HT is a modified synthetic polymer specially designed as a viscosifier, fluid loss control and shale inhibitor. Its particularly beneficial in low solid/solids free inhibitive WBM's in drilling and completion of HTHP wells. It mixes easily in WBM's systems.

Product Function

TRUVENKTROL HT reacts with clay particles to form a thin, flexible filter cake, reducing fluid loss to the formation. It is thermally stable in excess of 375 °F. It reduces gel strengths and YP with little effect on the PV. It also improves the fluids carrying capacity, helps reduce friction and contributes to the inhibition/encapsulation of drilled solids. It is extremely effective at controlling fluid loss in high density drilling fluids in HT environments. It is commonly used in fresh water, but it can also be used in brackish or seawater.

Features and Benefits

TRUVENKTROL HT is designed to provide fluid loss control in low and high density fluids with minimal effect in rheology. It is effective in fresh water and salt brines. It exhibits thermal stability to temperatures in excess of 190?C (375?F).

Recommended Treatment

Treatment rate is normally in the range of 1.5–8.6 kgs/m³ (0.5.0–3.0 lbs/bbl) and will be dependent on the solids concentration fluid. Ca?? and Mg?? hardness should be maintained at less than 400 ppm. For HT applications above 275 °F, the recommended dosage is 6-12 ppb for fluid loss control applications.

International Shipping References

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

Standard Packing

TRUVENKTROL HT is packaged in 25 kg multi-walled paper sack.

Safe Handling Recommendations

Use normal precautions for employee protection when handling chemical products.Utilize appropriate respirator, gloves, goggle 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: 1.1
- pH (1% solution): 10.5 - 11.5
- Viscosity (20? C): 1700-2300 cps(Brookfield 1% @ 20 ?C-12 rpm, #62)
- Max Temperature: 375
- Category: Filtration Control
- Product Tier: Premium
- Appearance: Off-white free flowing granular powder
- Moisture %: < 5 % max
- Solubility (Water): Soluble

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