LOPAC

P720.9504

WBM Drilling

Product Description

LOPAC™ is a technical grade low molecular weight polyanionic cellulose polymer which provides filtration control to water base drilling fluids.

Product Function

LOPAC™ will control fluid loss in most water base drilling fluid system with little or no effect on viscosity.

Features and Benefits

LOPAC™ provides filtration control and stabilizes the rheological properties of most water base drilling fluids. LOPAC™ provides fluid loss control and gives low plastic viscosity values when added to the drilling fluids. LOPAC™ is effective in fresh water and salt based fluids and at low concentrations has the ability to reduce the rheology of flocculated and high solids fluids. LOPAC™ has a strong affinity for clay surfaces and will restrict their hydration and dispersion. LOPAC™ is not susceptible to bacterial attack. LOPAC™ has shown to provide stable filtration control at bottom hole temperatures in excess of 300?F (149?C). LOPAC™ has a high tolerance to divalent ions and is effective over a wide pH range.

Recommended Treatment

Concentrations in the range of 0.25–3.0 lbs/bbl (0.7–8.6 kgs/m³) are required to maintain filtration control with LOPAC™. The actual treatment will depend upon the composition of the drilling fluid and drilling conditions encountered.

International Shipping References

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

Standard Packing

LOPAC™ is packaged in 25 kgs multiwall paper sack.

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: Non-Reservoir
- Sub Category: Polyanionic Cellulose
- SG value: 1.55
- Bulk Density Kg/m³: 500 - 800
- Max Temperature: 300
- Category: Filtration Control
- Product Tier: Regular
- pH (1% solution): 7 - 10
- Appearance: Off-White free flowing powder

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DRILLING FLUIDS SOLUTIONS
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