POLYLOSE BNT

WBM Drilling

Product Description

POLYLOSE™ BNT is non-biocide treated pregelatinized starch which meets and exceeds API Specification 13A:2004 / ISO 13500:1998, Section 16 for starch.

Product Function

POLYLOSE™ BNT maintains filtration control in all types of water base drilling and completion fluids, including those which contain high concentrations of monovalent and multivalent cations.

Features and Benefits

POLYLOSE™ BNT acts as a colloidal blocking particle to prevent water movement. This process restricts the swelling and dispersion of cuttings, and helps to reduce ultra fine solids build up. POLYLOSE™ BNT has minimal effect on viscosity and low fluid loss values can be attained without affecting drilling rates and solids removal efficiency. POLYLOSE™ BNT is non–damaging to formations and can be utilized in drilling, workover, and completion fluids. POLYLOSE™ BNT is effective at controlling fluid loss in both weighted and low solids drilling fluids over wide pH ranges. POLYLOSE™ BNT shows stability in laboratory tests at 250? F (121?C) and has been used effectively in the field at 275?F (135?C).

Recommended Treatment

POLYLOSE™ BNT concentration of 2.0–6.0 lbs/bbl (5.7–17.1 kgs/m³) is the normal range of treatment. Mix POLYLOSE BNT through hopper at a rate of 5 to 10 minutes every 25 kgs sack.

International Shipping References

Transportation of POLYLOSE™ BNT is not restricted by any regulatory agency.

Standard Packing

POLYLOSE™ BNT 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: Both
- Sub Category: Starches
- SG value: 1.5
- pH (1% solution): 7 - 9
- Max Temperature: 275
- Category: Filtration Control
- Product Tier: Regular
- Appearance: Off-white free flowing powder
- Bulk Density Kg/m³: 500 - 800

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