POLYLOSE C

P773.1601

Drilling/Completion

Product Description

POLYLOSE C main component is a modified cationic starch that reduces fluid loss in the MMO fluid without negatively affecting system performance or rheology. POLYLOSE C is effective in both fresh and salt water.

Product Function

POLYLOSE C is a fluid loss reducer for the MMO mud system.

Features and Benefits

POLYLOSE C maintains and controls fluid loss and boosts system rheology without negatively affecting the MMO system. It does not biodegrade. It C 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. This product is effective at controlling fluid loss in both weighted and low solids drilling fluids over wide pH ranges. POLYLOSE C shows stability up to 275 °F (135 °C).

Recommended Treatment

POLYLOSE C concentration of 2.0–6.0 lb/bbl (5.7–17.1 kg/m³) is the normal range of treatment. Mix POLYLOSE C through the hopper at a rate of 5 to 10 minutes every 25 kgs sack. For best effect, POLYLOSE C should be added to the MMO system after calcium ions are removed using soda ash. Treatment rate should be determined on site or in test muds similar to planned field use.

International Shipping References

Transportation of POLYLOSE C is not restricted by any regulatory agency.

Standard Packing

POLYLOSE C is packaged in 25 kgs multiwall paper sacks.

Safe Handling Recommendations

Use 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: MMO FL control
- SG value: 1.5
- Moisture %: 10 max
- Max Temperature: 275
- Category: Fluid Loss/Sealing Additive
- Product Tier: Premium
- Appearance: off – white free flowing powder

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