CORE SEAL

Description:

CORE SEAL is a medium molecular weight crystalline polymer which is readily dispersible and easy to shear. CORE SEAL is used when drilling into reactive clays and shales, reducing pore pressure transmission and mud filtrate contact. CORE SEAL is effective in unconsolidated formations, fractured and water-sensitive formations.

Applications:

CORE SEAL creates a robust flexible film or seal over the borehole wall resulting in a substantial reduction in the rate fluid invades into a formation. Reduction in filtrate and torque are significantly reduced. CORE SEAL can be added to prevent physical conditions associated with drilling reactive clays and shale’s. It is stable in fresh and hard water, moderate to saline water conditions.

- Readily dissolves
- Easily mixed in low shear environments
- Assists in filtrate reduction
- Increases lubricity
- Physically plugs micro-pores
- Improves core recovery and supports the borehole wall
- Reduces heaving and sloughing in poorly consolidated shales
- Reduces well bore swelling in conjunction with other inhibitors

Recommended Treatment:

CORE SEAL is added to a water-based fluid system at a rate of 1 — 2kg/M3.

Concentrations should be monitored and increased to control adverse conditions while drilling.

Packaging: CORE SEAL is packaged in 12.5 kg pail.