



AQUATROL®

Filtration Control Additive HT

Product Description

AQUATROL® polymer is white synthetic polymer designed for extreme temperature drilling environments. The structure of AQUATROL® features strongly bonded chemical linkages and cross-linked chains which deliver exceptional high temperature stability. This key product serves as primary filtration control agent for AQUADRIL® HTHP high-performance WBM. It performs well in freshwater, seawater, monovalent and divalent muds with thermal stable above 450°F. To achieve a perfect balance between fluid loss control and rheology, the formulation needs to be tailored based on density and temperature conditions by combining core products including AQUATEMP™, AQUAVIS® L and AQUATHIN®.

Applications/Functions

- Effective HPHT filtration control agent, core product of AQUADRIL® HTHP high-performance WBM
- Highly tolerant to monovalent and divalent brine-based mud
- Multifunctional, high temperature additive provides filtration control, inhibition and viscosity

Advantages

- Stable at temperature above 450°F
- Improves drilling fluid suspension properties and mitigate barite sag issue under extreme HT environment
- Calcium tolerant to 100,000ppm

Typical Properties

- Appearance: White powder
- Specific gravity: 1.3

Recommended Treatment

- A typical range is 2-6 ppb

Package

- 25 KG SACK