



AUQAVIS® CF

Viscosifier 

Product Description

AQUAVIS® CF synthetic polymer is the primary viscosifier for the WHITE SHARK® HPHT drill-in water-based fluid system. This additive is designed to provide optimal rheology, suspension and hole cleaning performance with bottomhole temperature exceeding 400 °F. It's specially used in clay-free high temp water-based fluid systems and reservoir sections. The additive is compatible with most oilfield brines. However, as brines approach saturation, functionality may be impacted. Pilot test for higher-salinity brine requirements.

Applications/Functions

- Provides thermo stable aqueous phase viscosity control
- Viscosifier for HPHT drill-in water-based fluid system
- Prevents settling
- Maintains reservoir permeability protection

Advantages

- Stable at temperature above 400°F
- Excellent rheological profile with elevated low-end readings essential for hole cleaning
- Compatible with most drilling fluid additives
- Resistant to bacterial attack, no biocide or preservative is necessary

Typical Properties

- Appearance: white powder
- Specific gravity: 0.9

Recommended Treatment

- A typical range is 5-12 ppb. Pilot test and proper design procedures should be used to determine the optimal formulation

Package

- 25 kg sack