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AquaBore

TDS Date: 4/13/2026

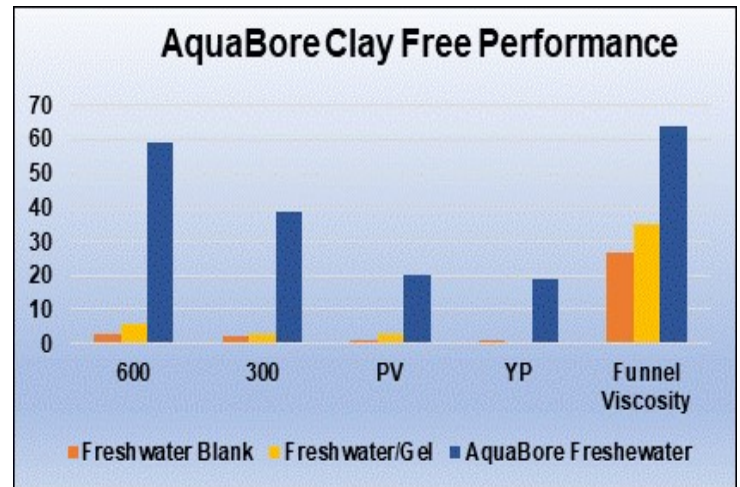
AquaBore is a highly modified natural polymer designed as a non-dispersible viscosifier for HDD drilling fluids. It enhances existing bentonite systems by improving yield point and low-end rheology for superior hole cleaning and cuttings suspension. AquaBore is also an effective bentonite replacement for clay-free systems, reducing solids while maintaining excellent drilling performance.

Application

AquaBore is a white to off-white powder that performs best in freshwater systems. For existing bentonite-based drilling fluids, typical treatment rates range from 1–4 lb/100 gal to increase viscosity and improve hole cleaning. In clay-free systems, recommended treatment rates range from 10–18 lb/100 gal, depending on bore size, formation conditions, and drilling rate. Pilot testing is recommended to determine the optimum dosage. For maximum performance, mix AquaBore through a venturi hopper or high-shear mixing system.

Environmental

Based on a natural bio-polymer, AquaBore is fully biodegradable after use, but maintains its performance throughout the drilling process. AquaBore is NSF/ANSI 60/ CAN approved for fresh water drilling.



Advantages

- AquaBore works as a Clay Free Viscosifier providing superior hole cleaning properties.
- AquaBore provides an economically favorable price point compared to other rheological modifiers.
- AquaBore is an environmentally friendly product and is NSF/ANSI 60/CAN Certified.
- Synergistically works with AquaSol's AquaBloc LC, AquaBloc D, AquaDril LC and AquaDril D to provide superior fluid loss and enhanced rheological profile.

Typical Characteristics

- Appearance Off White to tan powder
- Ionic Character Anionic
- Moisture <12%
- pH <10
- Density 1.3

Applications

- Oil and Gas Drilling
- Horizontal drilling
- Mining
- Water well

Environmental

- Fully biodegradable
- NSF/ANSI 60/CAN Certified

Packaging and Product Form

- 50 lb paper sacks
- 25 lb pails (dry)