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# AquaBloc AW

AquaBloc AW is a starch-based, ultra-low viscosity fluid loss control additive designed for use in water-based drilling fluids. AquaBloc AW provides effective filtration control while maintaining minimal impact on rheology, making it ideal for applications where low viscosity is essential.

Derived from renewable, bio-based materials and manufactured in the USA, AquaBloc AW delivers consistent performance across a wide range of drilling environments. Its liquid form enables rapid mixing, uniform dispersion, and immediate functionality without the need for hydration.

## Performance and Economy

AquaBloc AW provides effective fluid loss control while maintaining ultra-low viscosity, allowing operators to manage filtration without significantly increasing system rheology. Its liquid form allows for easy handling, fast dispersion, and immediate performance, with results visible quickly after addition.

AquaBloc AW can be mixed using standard equipment without the formation of fisheyes, simplifying field application and improving operational efficiency. It may also contribute to improved lubricity and assist in encapsulating drill cuttings, helping reduce bit balling and support hole cleaning.

Downhole, AquaBloc AW forms a thin, resilient, low-permeability filter cake that helps reduce fluid invasion, minimize differential sticking, and support wellbore stability. Its performance at low concentrations and ease of use may reduce overall treatment requirements and improve system efficiency.

## Applications:

- Water-based drilling fluids requiring low viscosity profiles
- Horizontal directional drilling(HDD)
- Mining and drilling systems requiring fluid loss control and hole cleaning



## Environmental

AquaBloc AW is derived from renewable, bio-based materials and is fully biodegradable. It should be handled in accordance with local, state, and federal regulations. Users are responsible for evaluating compatibility and proper disposal based on their specific application.

### Characteristics

- Appearance Off White Powder
- Ionic Character Anionic
- Moisture <12%
- pH 8-10
- Density 6lb/gallon

### Applications

- Oil and Gas Drilling
- Horizontal Directional Drilling
- Mining

### Environmental

- Fully biodegradable

### Packaging and Product Form

- 50 lb paper sacks
- Private Label