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AquaBloc FL

AquaBloc FL is a highly modified, economical, starch based fluid loss control additive for water based drilling fluids. It functions well in both freshwater as well as brines, including saturated brines, and temperatures up to 275-300F. It can be used pound for pound in place of technical grade PAC/CMC's.

Unlike other fluid loss additives, AquaBloc FL delivers fluid loss without a viscosity penalty allowing flexibility during drilling operations and the ability to achieve increased fluid loss without the risk of exceeding high shear viscosity limits.

Advantages:

- Passes the API performance tests for PAC/CMC –T
- Delivers effective fluid loss control without a viscosity penalty
- Biologically stable; does not require a biocide to prevent fermentation
- Effective in:
 - Freshwater
 - Sea water
 - Saturated brines



Biological Stability

Unlike unmodified or lightly modified starches, AquaBloc FL is biologically stable without the use of biocides and will not ferment during well drilling. Mud containing AquaBloc FL maintains its integrity and performance well past 30 days under typical conditions of use.

Economy/Delivery

AquaBloc FL is manufactured in the USA and offers an economical alternative to imported fluid loss additives, with short term delivery to locations throughout the United States.

Characteristics

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| • Appearance | Off White Powder |
| • Ionic Character | Anionic |
| • Moisture | <12% |
| • pH | 8-10 |
| • Density | 1.2 |

Applications

- Fluid loss control
- Viscosification

Environmental

- Fully biodegradable

Packaging and Product Form

- 50 lb paper sacks
- Supersacks
- Private label