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Aquabloc AW-25

Aquabloc AW-25 is a solution of a Poly Anionic Polysaccharide in water. It is manufactured as a fluid loss control agent for water based drilling fluids. It has very low viscosity and could be described as an ultra low (UL) additive.

Typical formula

Properties

Aquabloc AW-25 provides fluid loss control with minimum increase in viscosity in most water based drilling fluids. It is easy to use and no hydration time is necessary. The material can be mixed in with a pump or paddle and never produce fish eyes. Being a liquid it is easy to dispense and the affect of adding material can be seen in seconds. Aquabloc AW-25 will help lubricity and will encapsulate cuttings to help prevent bit balling and clean the hole.

Water	100 Gallons
Soda ash	to PH 9-9.5
Bentonite	10 lb
PHPA	1 lb
Aquabloc AW-25	2-4 lb

Downhole, the Aquabloc AW-25 forms a thin resilient low permeable filter cake which minimizes the potential for differential sticking, and the invasion of damaging filtrate and mud into the formation.

Aquabloc AW-25 is especially useful in Mining and HDD (Horizontal Directional Drilling) where it provides gels for hole cleaning and fluid loss.

As Aquabloc AW-25 contains water, it should be kept from freezing, but if it does freeze it will recover upon warming.

Characteristics

- Appearance Light brown liquid
- Ionic Character Anionic
- Viscosity <4,000cps @ 72*f
- pH 8-11
- Density 9.2lb/gallon

Applications

- Oil and Gas Drilling
- Mining
- Horizontal drilling

Environmental

- Fully biodegradable
- NSF 60/ANSI Applied for

Packaging and Product Form

- 44lb Buckets
- 2,300lb totes