



Technical Data Sheet

BLOC FORCE HT

Product Description

BLOC FORCE HT is a cross linked carboxymethyl starch additive for fluid loss control in water based and brine based drilling fluids.

BLOC FORCE HT forms a thin, resilient filter cake.

BLOC FORCE HT is tolerant to heat, shear and pH and performs well in clean brines systems for fluid loss control.

Applications

Reduce fluid loss with minimal increases in viscosity.

Treatments

Typical treatments range from 0.5 - 1 ppb. Higher concentrations of 1-4 ppb could be required depending on water chemistry and type of drilling fluid.

BLOC FORCE HT can be used along side PAC at 1:1 to 1:3 ratio for increased performance.

Pilot testing is recommended to determine actual treatment levels to obtain desired properties.

Benefits

- **Lowers fluid loss in water and brine based fluid systems.**
- **Has minimal effect on rheology in water-based muds.**
- **Highly tolerant in varying salinities.**
- **Minimizes the potential for differential sticking.**
- **Biodegradable**

Properties

pH	8 - 10
Color	Off white
Physical Form	Powder
Sg	1.2
Solubility	Soluble in water
Max Temp	275-300°F
Packaging	50 lb. Sacks

609 Kelley Ave
Suite D-1
Edmond, OK 73013
Phone: 405-285-6454
www.valencedf.com

