BaraFLC® W-403

FILTRATION CONTROL ADDITIVE

Product Description

BaraFLC® W-403 (formerly BDF™-403) filtration control additive is a modified and bacterially stabilized tapioca starch that provides viscosity buildup in water-based drilling fluids. Through its coating mechanism, BaraFLC W-403 filtration control additive reduces dispersion of clay particles and stabilizes reactive formations.

Applications/Functions

» Helps lower filtration rates in most water-based drilling fluids systems
» Can improve borehole stability
» Helps flocculate dispersed drill cuttings in clear water drilling

Advantages

» Helps maintain filtration control without detrimental viscosity increase
» Effective with fast drilling, non-dispersed systems
» Can decrease clay dispersion

Typical Properties

» Appearance: Off-white granular powder
» Specific Gravity: 1.5

Recommended Treatment

To reduce filtration in drilling fluids, add 2-6 lb/bbl (5.7-17.1 kg/m³) of BaraFLC W-403 filtration control additive slowly through the hopper.

Note: Small amounts of CELLEX™ filtration control agent or PAC™ viscosity control additive will complement BaraFLC W-403 filtration control additive in fresh and salt water drilling fluids.

- BaraFLC W-403 filtration control additive is incompatible with BARASCAV™ D™ and BARASCAV™ L™ oxygen scavengers.

Packaging

BaraFLC W-403 filtration control additive is packaged in 25-kg (55-lb) bags