

BaraFLC® W-690

FILTRATION CONTROL ADDITIVE

Product Description

BaraFLC® W-690 (formerly BDF™-690) high temperature filtration control additive is a special starch derivative, intended for reducing high-pressure/high-temperature (HPHT) filtrate loss for water-based fluids. It is non-ionic in nature and suitable for fluids containing salts or ion sensitive additives. BaraFLC W-690 filtration control additive can be used in all water-based fluids, including drilling, completion and work-over fluids. When used in conjunction with a bridging agent such as sized calcium carbonate or sized salt, it provides a thin, pliable, easily removable filter cake.

Applications/Functions

- » Used to reduce HPHT fluid loss in any water-based fluid
- » Contributes to elevated low shear rate viscosities (LSRV)
- » Provides a thin, pliable, easily removed filter cake which minimizes formation damage and facilitates cleanup during completion
- » Helps control high temperature filtration loss up to 300°F (149°C)
- » Resists calcium contamination over a wide pH range
- » Does not require a biocide and does not ferment
- » Environmentally safe; no known toxicity or ecological problems
- » Cleans up readily following drilling, work over or completion operations

Advantages

- » Can be used in most brines including seawater, NaCl, KCl, CaCl₂, NaBr and formate salt systems
- » Resists calcium contamination over a wide pH range and can be used at temperatures up to 300°F (149°C)

Typical Properties

- » Appearance: White powder
- » Specific Gravity: 1.5

Recommended Treatment

Add 1–4 lb/bbl (2.85–11.4 kg/m³) of BaraFLC W-690 filtration control additive for most applications.

Packaging

BaraFLC W-690 filtration control additive is packaged in 50 lb (22.7 kg) bags.

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