

FILTER-CHEK™

FILTRATION CONTROL ADDITIVE

Product Description

FILTER-CHEK™ filtration control additive is a modified natural polymer that reduces filtrate loss in most water-based drilling and drill-in fluids up to 300°F (149°C). FILTER-CHEK filtration control additive is functional in freshwater thru saturated salt environments and does not significantly increase fluid viscosity. FILTER-CHEK filtration control additive can also be used to encapsulate drill cuttings & exposed wellbore formations to reduce particle dispersion & reactive clay/shale formation swelling. Compared to traditional starch fluid loss additives FILTER-CHEK filtration control additive has higher operational temperature limits and does not require a biocide to prevent fermentation.

Applications/Functions

- » Helps control filtration in fresh-water or electrolyte-based drilling fluid systems at temperatures up to 300°F (149°C)
- » Helps provide filtration control of muds used in environmentally-sensitive areas

Advantages

- » Helps provide filtration control with minimal viscosity increase
- » Helps minimize the dispersion of shale and clay cuttings
- » Does not require a biocide and does not ferment
- » Effective in fresh water, sea water, salt water, and saturated salt water drilling fluids
- » Can be used efficiently in gypsum-treated and lime systems
- » Helps maintain filtration control when contaminated by brine water flows, salt, gypsum, anhydrite, cement, or other contaminants

Typical Properties

- » Appearance: Coarse off-white powder
- » pH, (10% aqueous solution): 11.5

Recommended Treatment

Add 1.0-5.0 lb/bbl (2.86-14.27 kg/m³) of FILTER-CHEK filtration control additive.

Packaging

FILTER-CHEK filtration control additive is packaged in 50-lb (22.7-kg) and 55.1-lb (25-kg) sacks.

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