

# DEXTRID® E™

## FILTRATION CONTROL ADDITIVE

### Product Description

DEXTRID® E™ filtration control additive is a modified starch product used to reduce mud filtrate in most water-based fluid systems, especially polymer non-dispersed. DEXTRID E filtration control additive contains no starch preservative. DEXTRID E filtration control additive is functional in freshwater thru saturated salt environments and does not increase fluid viscosity. DEXTRID E filtration control additive is temperature stable to approximately 250°F (121°C). DEXTRID E filtration control additive can also be used to encapsulate drill cuttings and exposed wellbore formations to reduce particle dispersion & reactive clay/shale formation swelling. Fluid pH must be maintained at 8.0 or above (preferably 8.5-9.0) to prevent bacterial degradation of the starch. DEXTRID E filtration control additive is used in areas where environmental limitations prevent the use of the bacterially stabilized variants of DEXTRID filtration control additive. DEXTRID E filtration control additive is non-damaging and can be used in both Drilling Fluid and reservoir Drill-in Fluid applications.

### Applications/Functions

- » Helps lower filtration rates in most water-based drilling fluid systems
- » Helps 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
- » Helps decrease clay dispersion

### Typical Properties

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

### Recommended Treatment

To help reduce filtration in drilling fluids, add 2-6 lb/bbl (5.7-17.1 kg/m<sup>3</sup>) of DEXTRID E filtration control additive slowly through the hopper.

Note: Small amounts of PAC™ filtration control additive will complement DEXTRID E filtration control additive in fresh and salty drilling fluids.

### Packaging

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

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