



BAROID DEXTRID®

Filtration Control Agent



Description DEXTRID® modified and bacterially stabilized starch helps provide filtration control with minimum viscosity buildup in water-based drilling fluids. Through its coating mechanism, DEXTRID filtration control agent helps reduce dispersion of clay particles and stabilize reactive formations.

Applications/Functions

- Can provide filtration control in water-based drilling fluids
- Can reduce filtration rate without significantly increasing fluid viscosity
- Can promote borehole stability in water sensitive formations
- Can improve core recovery

Advantages

- Compatible with QUIK-GEL® and BORE-GEL® fluid-based systems
- Effective in fresh water, salt water and brackish water environments
- Minimal viscosity increase
- Helps decrease clay dispersion
- Compatible with other Baroid drilling fluid additives

Typical Properties

- Appearance Coarse, off-white powder
- Specific gravity 1.5

Recommended Treatment

- Using a Venturi mixer, or into vortex of a high-speed stirrer, add slowly and uniformly to the entire circulating system.

Approximate Amounts of DEXTRID Agent Added to Water-based Fluids			
Drilling Application/Desired Property	lb/bbl	lbs/100 gal	kg/m ³
• Added to fresh water to formulate a clay-free drilling fluid	2 – 6	4.75 - 14	5.75 – 16.5
• Added to QUIK-GEL or BORE-GEL Drilling Fluids	1 - 4	2.4 – 9.5	2.85 – 11.5

Note: Very salty waters may require the addition of twice as much DEXTRID as required in fresh water conditions.

Packaging DEXTRID filtration control agent is packaged in 50-lb (22.7 kg) sacks.