

BARANEX[®]

FILTRATION CONTROL ADDITIVE

Product Description

BARANEX[®] filtration control additive is sulphonated lignite for use in water-based drilling fluid systems. BARANEX filtration control additive is formulated to improve both API and HPHT fluid loss while providing rheology stability over a wide range of temperatures. It functions well in the presence of common mud contaminants such as calcium, magnesium and chloride salts and also across a wide range of pH alkalinities. BARANEX filtration control additive is principally used in higher temperature applications up to 400°F (204°C) to replace basic polymer filtration control additives which lose their functionality at elevated wellbore temperatures. BARANEX filtration control additive can also be used in conjunction with THERMA-CHEK[®] high temperature polymer filtration control additive for enhanced filtration control performance in high temperature WBM applications.

Applications/Functions

- » Provide filtration control at temperatures approaching 400°F (205°C) in water-based drilling fluids
- » Replace basic filtration polymers that lose their ability to control HTHP filtration rates at elevated bottom hole temperatures

Advantages

- » Helps reduce fluid loss at temperatures approaching 400°F (205°C)
- » Does not increase viscosity
- » Functions in most water-based drilling fluids
- » Solubilizes readily in water
- » Helps maintain filtration control in the presence of contaminants of calcium, magnesium, and solids

Typical Properties

- » Appearance: Dark brown powder
- » pH, (5% aqueous solution): 8.8-9.2
- » Specific gravity: 0.98 – 1.2

Recommended Treatment

Add 2-10 lb/bbl (5.7-28.6kg/m³) to most water-based drilling fluids.

Packaging

BARANEX filtration control additive is packaged in 50-lb. (22.7-kg) sacks.

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