

BARABLOK™

FILTRATION CONTROL ADDITIVE

Product Description

BARABLOK™ filtration control additive is a high melting point gilsonite filtration control additive which can extrude into formation microfractures to form a sealing/plugging & bonding mechanism and which also helps stabilize shales and prevent sloughing. BARABLOK filtration control additive can be used in both water-based and invert emulsion oil-based drilling fluids systems to control & reduce mud filtrate and create a tough, slick filter cake. BARABLOK filtration control additive can also effectively stabilize brittle shales and reduce washouts in interbedded sand sequences. In water-based drilling fluids, a water wetting agent may be added. BARABLOK filtration control additive is effective at temperatures up to 350°F (177°C). For higher temperatures applications replace with BARABLOK™ 400™ filtration control additive.

Applications/Functions

- » Stabilize shales
- » Control fluid loss
- » Reduce fluid invasion through plugging mechanisms

Advantages

- » Does not fluoresce
- » Helps improve fluid loss control
- » Helps provide optimum sealing and filter cake deposition
- » Can mix easily with water-based and oil-based fluids
- » Helps minimize differential sticking

Typical Properties

- » Appearance: Black powder
- » Specific gravity: 1.005
- » Solubility: Nonsoluble in water

Recommended Treatment

1. For water-based systems, add 2-10 lb/bbl (5.7-28.5 kg/m³). Note: Add a suitable wetting agent to preferentially water-wet the bitumen particles: 0.1-0.2 lb/bbl (0.29-0.57 kg/m³).
2. For oil-based drilling fluids, add 5-35 lb/bbl (14.2-99.8 kg/m³).

Packaging

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

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