BARABLOK™ 400™
FILTRATION CONTROL ADDITIVE

Product Description
BARABLOK™ 400™ filtration control additive is a high temperature high melting point uintaite 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 400 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 400 filtration control additive can effectively stabilize brittle shales and reduce washouts in interbedded sand sequences. To optimize effectiveness in water-based drilling fluids add a suitable wetting agent to preferentially water-wet the temperatures up to 400°F (205°C). For lower temperature applications up to 350°F replace with BARABLOK 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: 1.06
» 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 400 filtration control additive is packaged in 50-lb (22.7- kg) sacks.