BaraFLC®-903
FILTRATION CONTROL ADDITIVE

Product Description

BaraFLC®-903 (formerly BDF™-903) filtration control additive is sulfonated asphalt and used primarily in both water-based fluids and standard invert emulsion fluids. BaraFLC-903 filtration control additive helps to form a thin and tough filter cake where the small hydrophobic particles can effectively bridge micro-fractures. This action prevents shale hydration and sloughing as well as decreases cuttings erosion. BaraFLC-903 filtration control additive is stable to any normal drilling fluid contaminants, operates in a broad range of pH and is suitable for use up to 350°F (176°C).

Applications/Functions

» Filtration control
» Reduce high temperature fluid loss.

Advantages

» Inhibits dispersion of cuttings
» Reduces shale sloughing
» Exhibits temperature stability up to 350°F (176°C)
» Helps form a thin, tough wall cake
» Readily dispersed in water and oil-based fluids.

Typical Properties

» Appearance: Dark brown to black free flowing powder
» pH: 9.2
» Specific gravity: 0.98 – 1.02

Recommended Treatment

Add 2-8 lb/bbl (5.7-22.8 kg/m³) of BaraFLC-903 filtration control additive.

Packaging

BaraFLC-903 filtration control additive is packaged in 50-lb (22.7 kg) sacks.