BaraFLC® W-490

SHALE STABILIZER / FILTRATION CONTROL ADDITIVE

Product Description

BaraFLC® W-490 (formerly BDF™-490) shale stabilizer / filtration control additive is a sulfonated asphalt, partially soluble in water and oil, and can be used in water and oil-based fluids where it functions as a shale stabilizer, cuttings dispersion inhibitor and contributes to high temperature fluid loss control. It is stable to many normal drilling fluid contaminants, operates at a broad pH range and is suitable for use up to 340°F (170°C). BaraFLC W-490 shale stabilizer / filtration control additive helps to form a thin yet tough wall cake and the small particles can effectively plug micro-fractures.

Applications/Functions

» Stabilize shale
» Reduce high temperature fluid loss

Advantages

» Helps inhibit cuttings dispersion
» Exhibits temperature stability up to 340°F (170°C)
» Helps form a thin, tough wall cake
» Significantly increases lubricity
» Can be used in most mud formulations
» Readily disperses in water and oil fluids

Typical Properties

» Appearance: Black powder
» Specific gravity: 0.98

Recommended Treatment

Add 2-6 lb/bbl (5.7-17 kg/m³) of BaraFLC W-490 shale stabilizer / filtration control additive to the active fluid system

Packaging

BaraFLC W-490 shale stabilizer / filtration control additive is available in 50-lb (22.7-kg) sacks