ADAPTA® 450
FILTRATION CONTROL AGENT

Product Description

ADAPTA® 450 filtration control agent is a cross-linked polymer that can provide filtration control in oil and synthetic based fluid systems at temperatures up to 450°F (232°C). This product is very similar to ADAPTA filtration control agent, but typically provides lower fluid loss and less plastic viscosity contribution at temperatures above 350°F (177°C). ADAPTA 450 filtration control agent is most compatible with medium and high polarity base oils. ADAPTA 450 filtration control agent can be used as a single fluid loss agent or in conjunction with black powders depending on the fluid system.

Applications/Functions

» Reduces HPHT filtrate volumes in all oil and synthetic mud systems in temperatures ranges up to 450°F (232°C).

Advantages

» Maintains fluid loss control at higher temperatures limits than LIQUITONE® or ADAPTA filtration control agents
» Is extremely effective HPHT filtrate reducer in concentrations as low as 2.0 to 6.0 lb/bbl (5.7-17.1 kg/m³)
» Allows formulation of deep-water fluids with excellent low temperatures tolerance
» Imparts less viscosity than other copolymer filtration control additives

Typical Properties

» Appearance: Off-white solid powder
» Specific gravity: 1.03
» Solubility: Oil dispersible

Recommended Treatment

» Add 2.0 to 6.0 lb/bbl (5.7-17.1 kg/m³) for HPHT filtration control up to 450°F (232°C).

Packaging

ADAPTA 450 filtration control agent is packaged in bulk kilogram quantities and 55.1- lb (25-kg) bags.