

# ADAPTA<sup>®</sup> 450

## FILTRATION CONTROL AGENT

### Product Description

ADAPTA<sup>®</sup> 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<sup>®</sup> 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/m<sup>3</sup>)
- » 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/m<sup>3</sup>) 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.

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