



QUIK-TROL®

Filtration Control Additive

Description QUIK-TROL® modified natural cellulosic polymer can provide filtration control in most water-based drilling fluids. QUIK-TROL additive, when added to a QUIK-GEL® slurry, yields a drilling mud system suitable for drilling in sandy formation. QUIK-TROL additive can be added to vegetable or mineral oil to provide an oil-based fluid suspension, which can be poured into drill string directly. QUIK-TROL additive is also used in air/gel-foam drilling.

- Applications/Functions**
- Can provide filtration control in fresh or brackish water-based drilling fluids
 - Can promote borehole stability in water sensitive formations
 - Can minimize rotational torque and circulating pressure
 - Can improve hole cleaning and core recovery
 - Can stiffen foam to improve cuttings transport in air/foam drilling
 - Can reduce air requirements, uphole velocity and borehole annulus pressure in air/foam drilling

- Advantages**
- NSF/ANSI Standard 60 certified
 - Effective in fresh water, salt water and brackish water-based drilling fluids
 - Effective in small quantities for filtration control
 - Non-fermenting
 - Compatible with other Baroid drilling fluid additives
 - Resistant to harsh environments and contaminants

Typical Properties

• Appearance	White, free-flowing powder
• pH (1% aqueous solution)	8.0

- Recommended Treatment**
- Using a Venturi mixer, or into vortex of a high-speed stirrer, add slowly and uniformly to the entire circulating system.

Recommended Treatment (continued)

Approximate Amounts of QUIK-TROL Additive Added to Water-based Fluids		
Desired Condition/Result		
<i>Added to fresh or salt water</i>	lb/100 gal	kg/m³
<ul style="list-style-type: none"> To help stabilize water sensitive formation 	3 – 5	4 – 7
<ul style="list-style-type: none"> To help reduce torque and lower circulating pressure 	0.5 - 1	0.6 - 1.0
<i>Added to QUIK-GEL[®] slurry (25 lb/100 gallons) or (30 kilograms per m³)</i>	lb/100 gal	kg/m³
<ul style="list-style-type: none"> To help reduce filtration rate and improve borehole stability 	0.5 - 1.5	0.6 - 1.7
<i>Added to BORE-GEL[®] slurry (35 lb/100 gallons) or (42 kilograms per m³)</i>	lb/100 gal	kg/m³
<ul style="list-style-type: none"> To help reduce filtration rate and improve borehole stability 	0.5 - 1.0	0.6 - 1.2
<i>Added to injection liquid in air/foam drilling</i>	lb/100 gal	kg/m³
<ul style="list-style-type: none"> To help improve foam performance and hole condition 	0.5 - 1.5	0.6 - 1.7

Note:

Very salty waters may require twice as much QUIK-TROL polymer or filtration control additive as fresh water. Preferably, QUIK-TROL polymer or filtration control additive should be mixed in fresh water before it is added to very salty water.

Packaging

QUIK-TROL filtration control additive is packaged in a 20-lb plastic can containing 10 airtight sealed plastic bags. Each bag contains 2-lb (0.91 kg). QUIK-TROL is also available in 40-lb plastic cans.

Availability

QUIK-TROL filtration control additive can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

Baroid Industrial Drilling Products

Product Service Line, Halliburton

3000 N. Sam Houston Pkwy. E.

Houston, TX 77032

Customer Service (800) 735-6075 Toll Free (281) 871-4612

Technical Service (877) 379-7412 Toll Free (281) 871-4613