



QUIK-TROL®

Filtration Control Additive

Description QUIK-TROL, modified natural cellulosic polymer, provides filtration control in most water-based drilling fluids. QUIK-TROL, when added to a QUIK-GEL® slurry, yields a drilling mud system suitable for drilling in sandy formation. QUIK-TROL 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 is also used in air/gel-foam drilling.

- Applications/Functions**
- Provide filtration control in fresh or brackish water-based drilling fluids
 - Promote borehole stability in water sensitive formations
 - Minimize rotational torque and circulating pressure
 - Improve hole cleaning and core recovery
 - Stiffen foam to improve cuttings transport in air/foam drilling
 - Reduce air requirements, uphole velocity and borehole annulus pressure in air/foam drilling

- Advantages**
- ANSI/NSF 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® Added to Water Based Fluids		
Desired Condition/Result		
<i>Added to fresh or salt water</i>	lb/100 gal	kg/m³
• To stabilize water sensitive formation	3 – 5	4 – 7
• To 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
• To 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
• To 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
• To 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 as fresh water. Preferably, QUIK-TROL should be mixed in fresh water before it is added to very salty water.

Packaging

QUIK-TROL is packaged in a cardboard box containing 10 airtight sealed plastic bags. Each bag contains 2-lb (0.91 kg).

Availability

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

Baroid Industrial Drilling Products,

A Product and Service Line of Halliburton Energy Services, Inc.

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