



QUIK-TROL[®] LV

Modified Natural Cellulosic Polymer

Description QUIK-TROL LV, modified natural cellulosic polymer, provides filtration control in most water-based drilling fluids without substantially increasing viscosity. QUIK-TROL LV, when added to a QUIK-GEL[®] or BORE-GEL[™] slurry, yields a drilling mud system suitable for drilling in sandy formation. QUIK-TROL LV can be added to vegetable or mineral oil to provide an oil-based fluid suspension, which can be poured into drill string directly.

Applications/Functions

- Y Provide filtration control in fresh or brackish water-based drilling fluids
- Y Reduce fluid loss without significantly increasing fluid viscosity
- Y Encapsulate shale to prevent swelling and disintegration
- Y Promote borehole stability in water sensitive formations
- Y Minimize rod chatter, rotational torque and circulating pressure
- Y Improve hole cleaning and core recovery

Advantages

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

Typical Properties

• Appearance	White, free-flowing powder
• pH (1% aqueous solution)	7.75

Recommended Treatment

- Y Using a Venturi Mixer, or into vortex of a high-speed stirrer, add slowly and uniformly to the entire circulating system.

Recommended Treatment

Approximate Amounts of QUIK-TROL® LV 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 – 7	4 – 8.5
‡ To reduce torque and lower circulating pressure	0.5 - 2	0.6 – 2.4
<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 - 2.0	0.6 – 2.4
<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 – 2.0	0.6 – 2.4

Note:

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

Packaging

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

Availability

QUIK-TROL LV 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.

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
