



QUIK-TROL® LV

Modified Natural Cellulosic Material

Description QUIK-TROL® LV modified natural cellulosic polymer can provide filtration control in most water-based drilling fluids without substantially increasing viscosity. QUIK-TROL LV modified natural cellulosic polymer when added to a QUIK-GEL® or BORE-GEL® slurry, yields a drilling mud system suitable for drilling in sandy formation. QUIK-TROL LV modified natural cellulosic polymer 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 *The use of QUIK-TROL LV polymer assists or promotes the following:*

- Provide filtration control in fresh or brackish water-based drilling fluids
- Encapsulate shale to prevent swelling and disintegration
- Borehole stability in water sensitive formations
- Decrease rod chatter, rotational torque and circulating pressure
- Improve hole cleaning and core recovery

- Advantages**
- NSF/ANSI Standard 60 certified
 - Can reduce fluid loss without significantly increasing fluid viscosity
 - Effective in fresh-, brackish-, and salt-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)	7.75

- 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® LV cellulosic polymer Added to Water Based Fluids		
Desired Condition/Result		
<i>Added to fresh or salt water</i>	lb/100 gal	kg/m³
• To help stabilize water sensitive formation	3 – 7	4 – 8.5
• To help 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 help 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 help 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 cellulosic polymer as fresh water. Preferably, QUIK-TROL LV cellulosic polymer should be mixed in fresh water before it is added to very salty water.

Packaging

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

Availability

QUIK-TROL LV natural cellulosic polymer 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