



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 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

- Can provide filtration control in fresh or brackish water-based drilling fluids
- Can reduce fluid loss without significantly increasing fluid viscosity
- Can encapsulate shale to prevent swelling and disintegration
- Can promote borehole stability in water sensitive formations
- Can minimize rod chatter, rotational torque and circulating pressure
- Can improve hole cleaning and core recovery

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)	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 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 polymer as fresh water. Preferably, QUIK-TROL LV polymer should be mixed in fresh water before it is added to very salty water.

Packaging

QUIK-TROL LV 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 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**

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