



QUIK-TROL® GOLD LV

Highly Dispersible Low Viscosity Filtration Control Additive

Description QUIK-TROL® GOLD LV highly dispersible, low viscosity grade, polyanionic cellulosic (PAC) polymer provides enhanced filtration control in most water-based drilling fluids. QUIK-TROL GOLD LV low viscosity PAC polymer, when added to a bentonite based drilling fluid, yields a low filtrate drilling fluid system with manageable viscosity suitable for drilling in water sensitive and unstable formations.

Applications/Functions *The use of QUIK-TROL GOLD LV low viscosity filtration control additive promotes:*

- Filtration control in fresh or brackish water-based drilling fluids
- Borehole stability in water sensitive formations
- Encapsulation of shale to prevent swelling and disintegration
- Minimized rod chatter, rotational torque and circulating pressure
- Improved hole cleaning and core recovery
- Enhanced foam properties to improve cuttings transport in air/foam drilling

Advantages

- Disperses readily at low shear rates
- Effective in fresh, salt and brackish water-based drilling fluids
- Tolerant of harsh environments and contaminants
- Non-fermenting
- Compatible with other Baroid drilling fluid additives
- NSF/ANSI Standard 60 certified

Typical Properties

- Appearance Off-white powder
- pH (1% aqueous solution) 6.0 – 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. See treatment chart below or contact your local Baroid IDP Field Representative for dosing assistance.

Approximate Amounts of QUIK-TROL® GOLD LV Filtration Control Polymer Added to Water-Based Fluids		
lbs/bbl	lbs/100 gallons	kg/m ³
0.25 – 3.0	0.6 – 7.0	0.7 – 8.4

Note:

- It is recommended that Soda Ash (sodium carbonate) be added to the make-up water prior to the addition of QUIK-TROL GOLD LV highly dispersible polyanionic cellulose polymer for reduction of excess calcium and pH adjustment.
- The above are generalized concentration ranges of QUIK-TROL GOLD LV filtration control additive to be added to water-based drilling fluids. The ultimate usage concentration will be based on local geology, application and mixing efficiency. For further information or assistance please contact your local Baroid IDP representative.
- Very salty water may require twice as much QUIK-TROL GOLD LV additive as fresh water. Preferably, QUIK-TROL GOLD LV filtration control additive should be mixed in fresh water before it is added to very salty water.

Packaging QUIK-TROL® GOLD LV highly dispersible low viscosity filtration control additive is packaged in 40-lb (18.2-kg) plastic pails and in 20-lb (9.1-kg) plastic pails containing 10 airtight sealed plastic bags. Each bag contains 2-lb (0.91- kg).

Availability QUIK-TROL GOLD LV highly dispersible low viscosity 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