



QUIK-GEL GOLD[®]

Viscosifier

Description QUIK-GEL GOLD[®] high-yield viscosifier is a selectively mined, premium sodium bentonite designed for water well, minerals exploration and other industrial drilling applications. QUIK-GEL GOLD high-yield viscosifier provides an optimized grind size which results in easy mixing and rapid hydration characteristics. The enhanced viscosity development, filtration properties and resultant fluid stability make QUIK-GEL GOLD high-yield bentonite viscosifier the new benchmark in the industrial drilling applications market.

Applications/Functions

The use of QUIK-GEL GOLD viscosifier assists the following:

- Viscosify freshwater-based drilling fluids
- Form a low-solids, freshwater drilling fluid for general applications
- Reduce filtration by forming a thin filter cake with low permeability
- Improve hole-cleaning capability of drilling fluids
- Mix with foaming agents to make "gel/foam" drilling fluids for air/foam drilling applications

Advantages

- NSF/ANSI Standard 60 certified
- Single-sack product and cost effective
- Optimized grind size for enhanced mixing and yield
- Easy to mix and quickly reaches maximum viscosity
- Yields more than twice as much drilling fluid of the same viscosity as an equal concentration of API grade bentonite

Typical Properties

- | | |
|------------------------------------|--------------------------|
| • Appearance | Fine tan to brown powder |
| • Bulk density, lb/ft ³ | 69 to 74 (compacted) |
| • pH (3% solution) | 8.9 |

Recommended Treatment

Mix slowly through a jet mixer or sift slowly into the vortex of a high-speed stirrer.

Approximate Amounts of QUIK-GEL GOLD High-Yield Viscosifier Added to Freshwater			
Application/Desired Result	lb/100 gal	lb/bbl*	kg/m³
Normal Drilling Conditions	15-25	6.3-10.5	18-30
Unconsolidated Formations	25-40	10.5-16.8	30-48
Make-Up For Gel/Foam Systems	12-15	5.0-6.3	14-18

*1 bbl = 42 U.S. gallons

Additional Information**Note:**

- For optimum yield, pre-treat make-up water with 1-2 pounds of soda ash per 100 gallons of water (1.2-2.4 kg/m³).

Packaging

QUIK-GEL GOLD[®] high-yield viscosifier is packaged in 50-lb (22.7-kg) multiwall paper bags.

Availability

QUIK-GEL GOLD high-yield viscosifier 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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Houston, TX 77032

Customer Service (800) 735-6075 Toll Free (281) 871-4612

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