



XTRA-GEL

Viscosifier

Description

XTRA-GEL is a finely ground, modified universal grade bentonite. The product is manufactured to ensure ease of mixing and viscosity and gel building in fresh water. The product is designed for use in well drilling and civil construction applications.

Applications/Functions

- Viscosify water-based drilling fluids
- Build thin tough wall cake (filter cake)
- Reduce filtration into permeable formations
- Provide suspension of drilled cuttings
- Promote borehole stability in unconsolidated formations

Advantages

- Easy to mix
- Rapid fluid viscosity development
- Yields excellent fluid loss characteristics
- Exhibits good lubricity

Typical Properties

- | | |
|--------------------|-------------------------------|
| • Appearance | Tan, free-flowing powder |
| • Specific gravity | 2.4 to 2.6 |
| • Bulk density | 800 to 1200 kg/m ³ |

Recommended Treatment

- Using a Venturi Mixer, or into vortex of a high-speed stirrer, add slowly and uniformly to the entire circulating system. If such equipment is not available, sprinkle XTRA-GEL slowly into the water close to the pump suction

Desired Condition/Result	
<i>Added to fresh water</i>	kg/m ³
• Normal drilling conditions	15 - 30
• Unconsolidated formations, loose sands and gravels	35 - 45
• Improve hole cleaning, core recovery, and borehole stability	10 - 15

Note:

For best results allow sufficient time for XTRA-GEL to fully yield. Pre-mix XTRA-GEL in fresh water and allow it to fully yield before drilling in saline or hard water

Packaging XTRA-GEL is packaged in 25 kg multiwall, water resistant paper sacks. The bag is sturdy moisture resistant, easy to handle, store and transport.

Availability XTRA-GEL 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
IDP Australasian	+61-7-3811-6008	+61-417-099-354
