

DIAMOND GEL

Premium Bentonite

“THE DIAMOND STANDARD” OF BENTONITES

Diamond Gel is a bentonite product designed with the specific needs of numerous drilling markets in mind. This premium grade beneficiated Wyoming bentonite outperforms its competitors in nearly all aspects. **Diamond Gel** is engineered to disperse easily under poor mixing conditions commonly found on coring rigs meaning this product eliminates waste due to clumping.

Diamond Gel increases field yield by utilizing every gram in a bag to build viscosity and not sink to the bottom of the tank.

High yielding premium bentonite builds a longer lasting system for recycler units capable of withstanding continual reuse without degradation of properties.

This all around viscosifier, lubricant, fluid loss control additive is the solution in a demanding industry where every nickel counts and is proudly Earth Pro.

FEATURES & BENEFITS

- High yielding
- Highly dispersible and fast mixing
- Environmentally friendly
- Reduce waste
- Lubrication and fluid loss control
- Compatible in cement grouts

PHYSICAL & CHEMICAL PROPERTIES:

Appearance: Grey Tan Powder

Viscosity Yield: 185-200 bbls

Packaging: 22.68kg, 50lb plastic lined paper bag

WHMIS: Controlled (see SDS)

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MIXING & HANDLING

Diamond Gel disperses in fresh water like no bentonite before it. The “norm” is to experience clumps of semi-hydrated bentonite that can build up on core tooling or create a mess to clean up in a mud tank. Not **Diamond Gel**.

Mixing **Diamond Gel** is as easy as adding to a point of agitation in a mud tank or ideally through a mixing hopper as you would mix any bentonite. Shearing with an in tank mixer is generally all that is required to yield a smooth high viscosity drilling fluid.

Diamond Gel can be used in cement + bentonite grouts without ill effect on cement making it a perfect one bag solution in environmental drilling as well. Always mix cement first then add bentonite. Starting concentrations for most simple systems built of only **Diamond Gel** generally require less than 2 bags per 1000L (250gal).

