



BARAZAN[®] D PLUS

Suspension Enhancer

Description

BARAZAN[®] D PLUS suspension enhancer is a free-flowing, powdered and easily dispersed biopolymer. It enhances the carrying capacity of both clay and polymer-based drilling fluids without significantly increasing the viscosity of the slurry.

Applications/Functions

- Increase gel strength of the drilling fluid for better suspension of the drilled cuttings, coarse sand and gravel
- Enhance carrying capacity for solids suspension at lower viscosity to further ensure flowability on longer length bores and backreams
- Improve resistance to contamination when drilling in brackish and salt water environments

Advantages

- Mixes easily into pre-hydrated bentonite-based fluids
- Enhances system by increasing the suspension properties of the base drilling fluid with a minimal increase in viscosity

Typical Properties

- | | |
|--------------------------------------|--------------|
| ▪ Appearance | Beige powder |
| ▪ Specific gravity | 1.6 |
| ▪ Bulk density (lb/ft ³) | 45 |
| ▪ pH (0.14% or 0.5 lb/bbl) | 7.1 - 7.4 |

Recommended Treatment

- Using a Venturi hopper, or into vortex of a high-speed prop mixer, add BARAZAN D PLUS suspension enhancer slowly and uniformly to the entire circulating system or mix tank.

Approximate Amounts of BARAZAN D PLUS suspension enhancer Added to Water Based Fluids		
lbs/bbl	lbs/100gallons	kg/m ³
0.75 – 3.0	1.75 – 7.25	2.0 – 8.75

- Note: The above are generalized concentration ranges of BARAZAN D PLUS suspension enhancer to be added to water-based drilling fluids. The ultimate usage concentration will be based on local geology, application and mixing efficiency. In the event that further information is needed please contact your local Baroid IDP representative for additional assistance.

Packaging

BARAZAN D PLUS suspension enhancer is packaged in 25-lb (11.3-kg) multiwall sacks.

Availability

BARAZAN D PLUS suspension enhancer 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