

HEAVY-DUTY HDD

HYDR H pH⁺

PRODUCT DESCRIPTION

Hydro pH+ is a general water conditioner used to treat drilling fluids make-up water in HDD drilling applications. Hydro pH+ raises the pH of the water and treats out hardness, allowing for optimal hydration of bentonite.

Hard water limits the hydration of bentonite, leading to increased usage and lower yield. By treating out this hardness with Hydro pH+, greater yield is achieved with your bentonite, leading to lower usage and enhanced fluid properties.

Hydro pH+ should be added to the make-up water prior to bentonite additions. It is compatible with other drilling chemicals.

Hydro pH+ mixes easily into water, although good agitation is recommended to ensure proper mixing.



PRODUCT ADVANTAGES

- Treats out hardness
- Raises the pH of the make-up water
- Increases bentonite yield
- Easy to mix and safe to use

PHYSICAL PROPERTIES

- Appearance: White powder
- Bulk Density: 35 – 40 lb/ft³
- Odor: Odorless
- pH: 8.0 – 9.0

PACKAGING

- Available in 50 lb bags and 5 gallon buckets; palletized and shrink wrapped

GENERAL MIXING INSTRUCTIONS

Per 1,000 Gal

Prior to making bentonite additions to the drilling fluid, add 1 - 2 vis cups (2 lbs - 4 lbs) of Hydro pH+ per 1,000 gal of fluid to treat out hardness.

The above mixing instructions are based on average dosages. Actual dosages in the field may vary based on soil and drilling conditions.



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