

HEAVY-DUTY HDD

HYDR**O**FORCE

PRODUCT DESCRIPTION

HydroForce is a proprietary blend of liquid clay stabilizers designed to inhibit water sensitive formations, and prevent hydration.

HydroForce inhibits clays by means of suppressing the hydration and swelling associated with water absorption, providing superior cuttings integrity.

HydroForce effectively reduces bit and tooling balling and aids in hole stability.

HydroForce mixes easily into water, although good agitation is recommended to ensure proper mixing.



GENERAL MIXING INSTRUCTIONS

Per 1,000 Gal

For clay inhibition: Add 2.5 - 10 gallons of HydroForce per 1,000 gallons of drilling fluid. Make sure to pre-hydrate bentonite prior to making any HydroForce additions.

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

PRODUCT ADVANTAGES

- Inhibits hydration of reactive clays
- Prevents bit and tooling balling
- Highly effective at very low concentrations
- Easy to mix and safe to use

PHYSICAL PROPERTIES

- Appearance: Clear blue liquid
- Specific Gravity: 1.1 – 1.2
- Flash Point: >200°F
- pH: 6.5 - 7.5

PACKAGING

- Available in 5 gallon buckets, 55 gal drum, and 330 gal totes.



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