

HEAVY-DUTY HDD

HYDRoDET

PRODUCT DESCRIPTION

HydroDet is a water soluble blend of surfactants used to prevent clays and shales from sticking to the rods and/or tooling in HDD drilling applications. Having superior detergency, HydroDet works strong at low concentrations.

HydroDet is can be used as a stand alone product or in conjunction with other additives. Care should be used when mixing in bentonite systems as over treating with HydroDet can reduce the viscosity of the fluid.

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



SAND, CLAY AND SHALE SOLUTIONS

GENERAL MIXING INSTRUCTIONS

Per 1,000 Gal

For prevention of balling on the bit, rods and tooling, add 1 - 2 gallons of HydroDet per 1,000 gallons of drilling fluid. Do not over treat the mud system as elevated concentration can reduce the viscosity of the drilling fluid.

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

PRODUCT ADVANTAGES

- Excellent detergency
- Keeps rods and tooling clean
- Breaks down sticky clays
- Easy to mix and safe to use

PHYSICAL PROPERTIES

- Appearance: Clear pink liquid
- Specific Gravity: 1.1 - 1.2
- Flash Point: >200°F
- pH: 6.0 – 8.0

PACKAGING

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



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