

TurboBore™

Synthetic Polymer HDD Fluid

TurboBore™ is a proprietary fluid technology comprised of synthetic polymers that activate when introduced to water. TurboBore is best suited for sand and rocky soil, and the rheology of TurboBore can match or exceed traditional bentonite/bentonite with additives mixes at up to an 85% reduction in material weight - significantly decreasing freight costs, improving warehouse efficiency, and providing HSE uplifts.

Not all polymers are created equal. ProAction offers several viscosifying, polymeric based products such as ProDrill, GeoSweep HD /LQ, and BoreShield. The low-end rheology to dose ratio for TurboBore is 2-3 times higher than these (and other products that claim similar properties).

Cold weather won't stop TurboBore. Its biodegradable oil formulation resists freezing and stays pourable, even as temperatures drop.

PROACTION FLUIDS

SYNTHETIC POLYMER HDD FLUID

PRIMARY BENEFITS

- **Single Product Formulation** means no recipes or other additives needed; one product does it all.
- **Cuttings Fluidization** leads to lower torque
- **High Concentration Debris Removal** is aided by the unique high gel trength/yield point properties of the fluid
- **Effective Filtration Control** created by the polymer matrix interacting with the bore wall.
- **No Silica Blend** eliminates damage to your equipment and exposure to personnel.

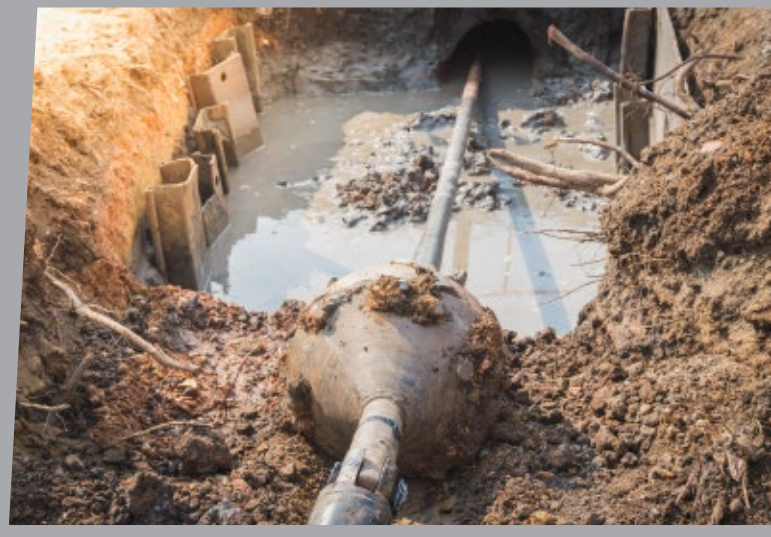


MIXING GUIDE

1 to 1.5+ EZ Bottles treats 500 gallons

TurboBore is an all-liquid, rapid-dispersion blend that mixes easily. Add it through the top of the tank or a suction-type manifold, not a venturi hopper, since its instant viscosity as it hydrates lowers the pressure drop a venturi needs. Some “light” fluid in the tank is normal and scales with dosage and mixing energy. Loadings over 1.5 gallons per tank can leave un-hydrated polymer in the system, so monitor your tank for consistent performance.

For maximum performance, it is recommended the tank be rinsed of any bentonite-basedproducts. The largest determining factor for full hydration is mixing energy. Ensuring the system is operating efficiently will improve consistency of mixing.



ADDING TURBOBORE TO TANK:

1) Fill tank to near capacity
2) Set Mixing System pump at full rpm with flow directed through roll jets
3) Add desired TurboBore loading through the top of the tank as the it is filled with the remaining balance of water
4) Allow tank to continue agitating via the rolls jets for 10 minutes to ensure full dispersion and hydration



Learn more
proactionfluids.com/products/turbobore

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