

ES HDD[†]



BENEFITS

Provides unique shear thinning properties to the EnerSEAL HDD[†] system

Stabilizes system from contaminants and minimizes dilution requirements

NSF Certified



APPLICATIONS

EnerSEAL HDD drilling fluid system for horizontal directional drilling/trenchless applications

Add to ES VIS HDD at a ratio of 1:4 to 1:8 by weight



PHYSICAL PROPERTIES

- Appearance: White/off-white, or gray powder
- Bulk Density: 36 - 42 lb/ft³
- Dispersion: Forms a cloudy dispersion in water

ES HDD is a proprietary mix of metal oxides, conditioners, and control agents used to prepare the EnerSEAL HDD system.



TREATMENT RECOMMENDATIONS

ES HDD is a dry powder used to prepare the EnerSEAL HDD system. It is added with ES VIS HDD[†] at a ratio of 1:8 to 1:4 by weight in fresh water.

To prepare 1000 gallons of EnerSEAL HDD, pre-hydrate 238 to 357 pounds of ES VIS HDD in a clean mixing tank. Add 119 to 178 lbs of ES HDD and 24 to 71 lbs of ESM[†] HDD.

Pilot test anionic products or thinners with EnerSEAL HDD prior to addition. ES HDD is mildly hygroscopic, meaning a slight reduction in activity will occur over time in high humidity environments.

PACKAGING AND HANDLING

ES HDD is available in 50 lb multi-walled sacks. Handle ES HDD as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



Certified to
NSF/ANSI 60



AES DRILLING FLUIDS

www.aesfluids.com

☎ Phone : 281 556 5628

✉ Email : info@aesfluids.com

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