



AES DRILLING FLUIDS

BENEFITS

- Boosts viscosity while maintaining 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 direction drilling/trenchless applications
- Typical treatment added at a ratio of 1:8 to 1:4 by weight with ESM HDD.

PHYSICAL PROPERTIES

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

ESL HDD[†]

ESL HDD is a proprietary mix of metal oxides, conditioners, and control agents used as a supplemental treatment with ESM HDD to increase viscosity in the EnerSEAL HDD system.



ESL HDD is used to elevate viscosity in the EnerSEAL HDD system

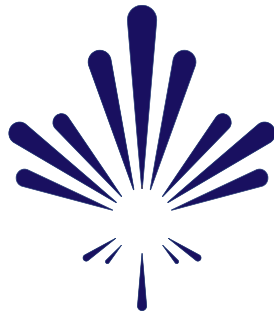
Treatment Recommendations

ESL HDD is a dry powder used to maintain the EnerSEAL HDD system. It is added at a ratio of 1:8 to 1:4 by weight with ESM[†] HDD to boost system viscosity.

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

Packaging and Handling

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



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