



AES DRILLING FLUIDS

BENEFITS

- Maintains and enhances 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
- Typical concentrations for preparation and maintenance range between 2.3 and 7.1 pounds per 100 gallons

PHYSICAL PROPERTIES

- Appearance: White/off-white, or gray powder
- Bulk Density: 40 - 48 lb/ft³
- Dispersion: Forms a cloudy dispersion in water

ESM HDD[†]

ESM HDD is a proprietary mix of metal oxides, conditioners, and control agents used to prepare and maintain the EnerSEAL HDD system. ESM HDD provides EnerSEAL HDD rheological properties and enhances system tolerance to contaminants.



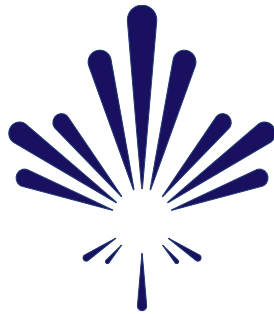
Treatment Recommendations

ESM HDD is a dry powder used to prepare and maintain the EnerSEAL HDD system. Concentrations to prepare and maintain EnerSEAL HDD range from 2.3 to 7.1 pounds of product per 100 gallons. Pilot test anionic products or thinners with EnerSEAL HDD prior to addition.

ESM HDD is mildly hygroscopic, meaning a slight reduction in activity will occur over time in high humidity environments.

Packaging and Handling

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



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