

AES DRILLING FLUIDS

BENEFITS

- Natural, non-treated product contains no polymers or chemical additives
- Provides a high yield point and plastic viscosity
- Optimum solids suspension and carrying capacity of solids

APPLICATIONS

- Concentrations usually range between 15 - 25 lb/bbl for a base system with a 10:1 ratio of ES-VIS to ES-RM¹ for maintenance additions
- Pre-hydrate in freshwater for best results
- Pilot testing will aid to determine appropriate product concentration for the application

PHYSICAL PROPERTIES

- Appearance: Light tan powder
- Specific Gravity: 2.6

ES-VIS[†]

ES-VIS is a naturally occurring premium bentonite designed to provide an optimum viscosity profile in the EnerSEAL[†] fluid system.



ES-VIS premium bentonite viscosifier

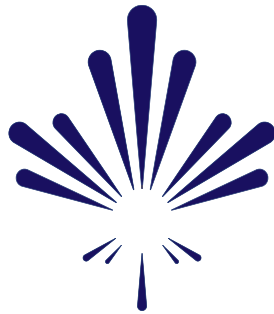
Treatment Recommendations

For an initial blend, concentrations of ES-VIS range between 15 and 25 lb/bbl in most cases. Pre-hydration of ES-VIS in freshwater before blending a full EnerSEAL system will aid in product yield. During maintenance additions, a 10:1 ratio of ES-VIS to ES-RM is recommended.

Pilot testing recommended to determine the appropriate concentration for a specific scenario.

Packaging and Handling

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



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