

AES DRILLING FLUIDS

BENEFITS

- Provides shear thinning profile
- Provides a high yield point and low plastic viscosity
- Enhances solids suspension and carrying capacity

APPLICATIONS

- Concentrations usually range between 2-3 lb/bbl in the active system
- Typically added at a 10:1 ratio of ES-VIS[†] to ES-RM when treating
- Pilot testing will aid to determine the appropriate concentration for a specific scenario

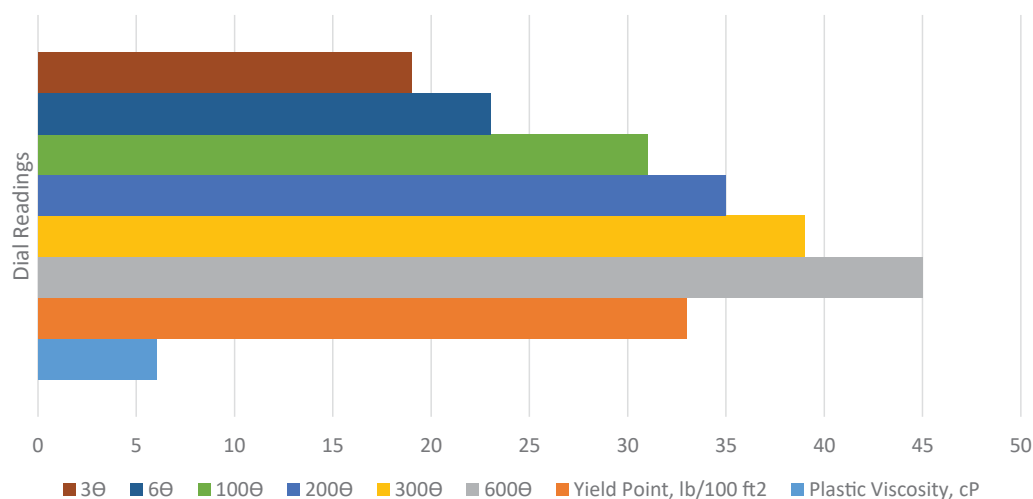
PHYSICAL PROPERTIES

- Appearance: Off white powder
- Specific Gravity: 2.2 - 2.6

ES-RM[†]

ES-RM is a next generation mixed metal hydroxide (MMH) additive that provides the EnerSEAL[†] system with its unique rheological profile.

EnerSEAL Typical Rheological Profile at 120°F



EnerSEAL example rheological profile during a drilling application when used in conjunction with ES-VIS at a 10:1 ratio of ES-VIS to ES-RM

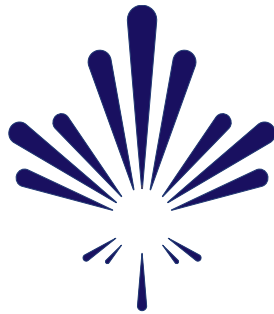
Treatment Recommendations

Typical concentrations of 2 to 3 lb/bbl are sufficient for most applications. When treating the EnerSEAL system, maintain a 10:1 ratio of ES-VIS to ES-RM.

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

Packaging and Handling

ES-RM is available in 25 lb sacks. Handle ES-RM as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



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