

AES VIS III[†]



BENEFITS

Increases yield point and enhances low shear rate viscosity

Provides gel structure for solids suspension and carrying capacity



APPLICATIONS

3 - 6 lb/bbl (typical) for most applications, adding in 0.5 - 1 lb/bbl increments for maintenance

Add AES VIS III in combination with AES VIS LS[†] for optimal rheology

Pilot testing will aid to determine the appropriate concentration for a specific scenario



PHYSICAL PROPERTIES

- Appearance: Light tan powder
- Specific Gravity: 1.6

AES VIS III is a modified organophilic bentonite clay that improves the rheological profile of invert emulsion drilling fluids.



AES VIS III organophilic clay

TREATMENT RECOMMENDATIONS

Typical concentrations of 3 to 6 lb/bbl are maintained in most systems; however, mineral oils may require higher concentrations than diesel based fluids. AES VIS III is used in combination with AES VIS LS at a ratio determined by the desired rheological profile and mud weight. Maintenance additions frequently range between 0.5 - 1 lb/bbl. Allow sufficient shear and circulating time to measure impact on fluid properties. Add AES VIS III through the mixing hopper.

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

PACKAGING AND HANDLING

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





AES DRILLING FLUIDS

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