

AES DRILLING FLUIDS

BENEFITS

- Enhances low shear rate viscosity for improved suspension properties
- Gel structure aids in effective suspension and carrying capacity of solids
- Yields rapidly with minimum shear

APPLICATIONS

- Typically maintained between 3 - 6 lb/bbl for most applications, adding in 0.5 - 1 lb/bbl increments for maintenance
- Mineral oil based fluids may require higher concentrations than diesel based systems
- 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[†]

AES VIS III is a high-yield modified organophilic clay that improves suspension and carrying capacity of invert emulsion drilling fluids



AES VIS III organophilic clay

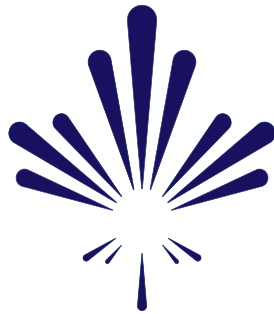
Treatment Recommendations

Typical concentrations of 3 to 6 lb/bbl are maintained in most systems; however, mineral oils may require higher concentrations than diesel based fluids. Maintenance additions frequently range between 0.5 - 1 lb/bbl, allowing 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).



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