

**AES DRILLING FLUIDS**

## BENEFITS

- Inhibits clay hydration
- Reduces bit balling, enhances wellbore stability, and Improves drill solids removal
- Stable at temperatures exceeding 250°F across a wide range of pH levels

## APPLICATIONS

- Most applications require 4 - 6 lb/bbl with supplemental maintenance additions while drilling
- Lab testing may aid to determine a suitable concentration for a specific scenario

## PHYSICAL PROPERTIES

- Appearance: Yellow amber liquid
- Specific Gravity: 1.04 - 1.05

# AES CLAY SHIELD<sup>†</sup>

AES CLAY SHIELD is a low molecular weight polyamine designed to inhibit dispersion and hydration of reactive clays across a broad range of temperatures.



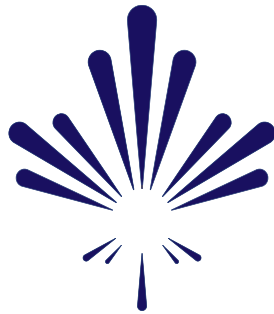
AES CLAY SHIELD shale inhibitor

## Treatment Recommendations

AES CLAY SHIELD concentrations usually range from 4 to 6 lb/bbl, although in particularly challenging scenarios higher concentrations may be used. Lab testing may aid to determine the optimal concentration for well conditions.

## Packaging and Handling

AES CLAY SHIELD is available in 275 and 550 gallon totes. Handle AES CLAY SHIELD as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



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