

# AES CLAY SHIELD<sup>†</sup>



## BENEFITS

Inhibits dispersion and hydration of reactive clays

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

4 - 6 lb/bbl (typical) 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 is a low molecular weight polyamine shale inhibitor.



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).



# **AES DRILLING FLUIDS**

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