



FEATURES

- Provides gel structure and viscosity for suspension of weight materials and enhances fluid stability in oil-based muds.
- Improves filter-cake quality and filtration characteristics.
- Effective at maintaining yield point values in oil and synthetic mud after high temperature exposure.
- Prevents solids settling and ensures effective cuttings transport for improved hole-cleaning capacity.

DESCRIPTION

CS O-CLAY is a high-performance organophilic clay additive used to enhance gel strength and improve suspension properties in oil-based drilling fluids. It serves as a viscosifier and gelling agent in oil and synthetic mud systems for medium to high temperature applications. The amine-treated bentonite is used to increase carrying capacity and suspension properties, providing support for weight materials and improved cuttings removal. CS O-CLAY also aids in filter-cake formation and filtration control.

PHYSICAL PROPERTIES

Appearance	Free flowing powder
Specific Gravity	1.6-1.8
Particle Size	> 80% wt pass through 80 mesh screen

APPLICATION

CS O-CLAY is used in oil and synthetic based muds to support rheology and filtration control.

RECOMMENDATIONS

The recommended normal treatment ranges from 2-10 lb./bbl depending on the base fluid and system requirements. Mineral OBM's generally require higher concentrations than diesel OBM's. Actual concentrations required should be determined by pilot testing and encountered bore hole conditions.

PACKAGING



STORAGE / HANDLING

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described on the Material Safety Data Sheet (MSDS).

SYSTEM

CS O-CLAY is specially designed for synthetic based systems.