

CLAY-STAR



CLAY-STAR liquid is designed for use as a permanent clay/shale stabilizer. The product provides excellent shale and clay control and greatly reduces bit balling and mud rings. CLAY-STAR is compatible with all drilling

Application

CLAY-STAR is used as a permanent solution to reactive or swelling clay and eliminates the need for detergent or thinning agents. The concentration will vary depending on the reactivity of the clay or shale encountered.

Advantages

- Excellent shale and clay inhibition when used as directed
- Soluble in all water-based mud systems
- Mixes easily and immediately controls clay/shale swelling
- Aquatic toxicity tested and passes Microtox as recommended
- Enhances the removal of drill solids
- Non-hazardous and environmentally acceptable.

Typical Usages

Typical Amounts of CLAY-STAR Added to freshwater	
Drilling Application	% by volume
Reactive Clay/Shale	0.05 - 0.2
Clay/Shale	0.1

Properties

Physical Appearance	Liquid, light yellow
Specific Gravity	1.07
pH (10% solution)	6.5 - 7.5
Pour Point	-20°F (-28.9)

Packaging

CLAY-STAR is packaged in 5 gallon (18.9L) buckets