

STAR-GEL PREMIUM



STAR-GEL PREMIUM viscosifier is a premium Wyoming bentonite blended with special extenders, producing a product that will yield more than twice as much viscosity as API Wyoming bentonite. STAR-GEL PREMIUM is an easily mixed bentonite for freshwater and extended bentonite systems.

Application

STAR-GEL PREMIUM is used to rapidly build mud viscosity and provide superior hole cleaning, as well as to help control lost circulation, formation sloughing and promote hole stability in unconsolidated formations.

Advantages

- Yields more quickly than API-standard bentonite
- Non-toxic and proven suitable for use in drilling potable water wells
- Increased penetration rates due to lower solids content than standard API bentonite systems
- Transportation and storage costs are reduced due to lower treatment requirements as compared to API bentonite

Typical Usages

Typical Amounts of STAR-GEL PREMIUM Added to freshwater			
Drilling Application	lb/100 gal	lb/bbl	kg/m ³
Normal drilling	15 – 25	6 – 11	15 – 30
Gravel/Loose Soil	25 – 40	12 – 18	35 – 50
Lost-circulation control	35 – 45	15 – 20	40 – 45
Hole Cleaning/Stability	5 – 10	2 – 5	6 – 14

Typical Properties

Physical Appearance	Light tan, gray-green powder
Specific Gravity	2.3 – 2.5
Approximate Yield	220 bbl/ton

Packaging

STAR-GEL PREMIUM is packaged in 50-lb (22.7 kg), multi-wall bags at 70 per pallet (domestic) and 48 per pallet (international)