MAX GEL AS

Viscosifier

APPLICATIONS

- Horizontal directional drilling
- Mineral exploration (coring and rotary drilling)
- Potable water wells
- Blast holes
- Shaft drilling
- Monitor and observation wells
- Gel-foam and air drilling applications

BENEFITS

- Mixes and yields more quickly compared with API-standard bentonite
- Enables higher penetration rates compared with regular bentonite systems
- Reduces amount of product required for treatment, therefore lowering transportation and storage costs

FEATURES

- Nontoxic formula proven suitable for use in potable water wells
- Lower solids content

The MAX GEL AS* viscosifier is an easily mixed, premium 220-bbl-yield bentonite for freshwater drilling and boring applications. It is used to rapidly build mud viscosity to provide superior hole cleaning, help control lost circulation and formation sloughing, and promote hole stability in unconsolidated formations in Asia.

The MAX GEL AS viscosifier loses effectiveness in water containing more than 2.628 lbm/bbl [7.498 kg/m³] of sodium chloride or 0.0841 lbm/bbl [0.24 kg/m³] of calcium. If dispersants or thinners are to be used, add them sparingly, using 50% or less of the normal treatment.

Typical Amounts of MAX GEL AS Viscosifier Added to Freshwater, lbm/bbl [kg/m³]	
Drilling application and desired results	
Normal drilling	6–11 [17–31]
In gravel or other poorly consolidated formation	12–18 [34–51]
Lost-circulation control	15–20 [42–57]
Added to freshwater mud to improve hole-cleaning properties, increase hole stability, and develop filtercakes	2–5 [6–14]