



TUNNEL-GEL[®] SW

Viscosifier

Description TUNNEL-GEL[®] SW viscosifier is a specially formulated bentonite-based drilling fluid additive designed to viscosify brackish or saline make-up water. Fluid systems designed with TUNNEL-GEL SW viscosifier assist in providing borehole stability, filtration control and improved carrying capacity in Drilled Shafts, Tunneling, Horizontal Directional Drilling and other construction applications.

Applications/Functions

The use of TUNNEL-GEL SW viscosifier assists or promotes the following:

- Effective viscosifier in brackish to highly saline make-up water
- Improved carrying capacity
- Enhanced filtration control and borehole stability
- Enhanced borehole stability

Advantages

- Allows for the use of saline water for fluid development
- Provides lubricity in resulting drilling fluid
- Promotes enhanced fluid stability in saline environments

Typical Properties

- Appearance Light Gray to Tan
- Specific Gravity 2.4
- Bulk Density ,lb/ft³ 50

Recommended Treatment

Approximate Amounts of TUNNEL-GEL [®] SW Viscosifier Added to Saline or Freshwater-Based Fluids		
Lbs/bbl	Lbs/100 Gallons	Kg/m ³
8.4 – 14.7	20 – 35	24 - 42

Note: It is recommended that Soda Ash (sodium carbonate) be added to the make-up water (saline or freshwater) prior to addition of TUNNEL-GEL SW viscosifier for reduction of excess calcium and pH adjustment.

Packaging

TUNNEL-GEL SW viscosifier is packaged in 50-lb (22.7-kg) multiwall paper bags.

Availability

TUNNEL-GEL SW viscosifier can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IPD retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

**Baroid Industrial Drilling Products
Product Service Line, Halliburton**

3000 N. Sam Houston Pkwy. E.
Houston, TX 77032

Customer Service	(800) 735-6075 Toll Free	(281) 871-4612
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