

# TUNNEL-GEL<sup>®</sup> SW



**TUNNEL-GEL SW viscosifier is a specially formulated Bentonite-based drilling fluid additive, designed to viscosify sea water into a drilling fluid. 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.**

#### Functions

- Effective viscosifier in sea (saline) make-up water.
- Improves carrying capacity.
- Enhances filtration control.
- Optimises 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.

Approximate amounts of TUNNEL-GEL SW viscosifier added to saline-based fluids:

| lbs/bbl    | lbs/100 gallons | kg/m <sup>3</sup> |
|------------|-----------------|-------------------|
| 8.4 - 12.6 | 20 - 30         | 25 - 35           |

