

# TUNNEL-GEL<sup>®</sup> PLUS



**TUNNEL-GEL PLUS** viscosifier is a specially formulated, high-yield Bentonite designed for use in tunneling and HDD operations. **TUNNEL-GEL PLUS** viscosifier promotes rapid viscosity development while maintaining effective borehole stabilization and enhanced filtration control in most water-based drilling fluids.

#### Functions

- Enhances viscosity development in freshwater drilling fluids.
- Effective cuttings transport and suspension characteristics.
- Enhances filtration control and resulting borehole stability.
- Effective lubrication fluid for micro tunneling operations.

#### Advantages

- Easy to mix and quickly reaches maximum viscosity.
- Enhances fluid lubricity for reduction of required jacking forces.
- Yields more than twice as much drilling fluid of the same viscosity as an equal concentration of API grade Bentonite.

Approximate amounts of TUNNEL-GEL PLUS viscosifier added to water-based fluids:

lbs/bbl	lbs/100 gallons	kg/m <sup>3</sup>
8.4 - 12.6	20 - 30	25 - 40

