

PRODUCT DATA

Tru-Bore® Viscosifier, Gellant Fluid Loss Control Agent

Description **Tru-Bore®** is a highly concentrated, bentonite- based drilling fluid used for difficult drilling operations in both vertical and horizontal borings. **Tru-Bore®** is non-toxic and environmentally safe.

Application **Tru-Bore®** is used in vertical drilling and horizontal directional drilling (HDD).

Function **Tru-Bore®** serves as a true one-sack solution for horizontal drilling applications. **Tru-Bore®** is extremely effective at maintaining hole integrity during pullback with horizontal drilling. **Tru-Bore®** stabilizes formations ranging from moderate clay to high sand concentrations.

Mixing **Tru-Bore®** is dry bentonite clay and requires high shear and agitation for proper hydration. **Tru-Bore®** should be mixed no faster than five minutes per sack. Always mix bentonite before polymers. Cold water increases mixing time.

Tru-Bore® concentrations vary dependant on the application and type of additives used. A concentration of 15-25 pounds of **Tru-Bore®** per 100 gal of fluid yields a viscosity of approximately 45 seconds on a Marsh Funnel. At a rate of 27 lb per 100 gal, viscosity can climb to 60 seconds.

Concentration:

Make up fluid (with polymer addition):	15 lb/100 gal
Unconsolidated formations:	20-30 lb/100 gal

Tru-Bore® loses effectiveness in hard, low pH or salt water. To achieve the maximum yield of 240-260 bbl, the make up water should be treated with soda ash (sodium carbonate) to a pH of 8.0-9.0. Do not use salt water since it cannot be treated.



WHMIS: Controlled (see MSDS)

TDG: Not regulated

Packaging: 50 lb multi-wall paper sack and is available in bulk

Physical properties and bioassay information are available on request.

