



TECH DATA SHEET

PRODUCT DESCRIPTION: **BORE COMMANDER** is an aqueous emulsion of anionic polyacrylamide/polyacrylate copolymer used to stabilize clay and shale formations and as a viscosifier. It can be used in fresh or brackish waters and mixes easily while requiring minimum shear to achieve full effectiveness.

Liquid PHPA is used as a clay inhibitor and solids-encapsulating polymer in drilling fluid systems. Under specific drilling fluid system conditions, very low concentrations of PHPA can extend the viscosity of bentonite.

APPLICATIONS AND USE: For general clay inhibition or to increase the viscosity of the drilling mud, add 1.5 – 5 gal of **BORE COMMANDER** per 1,000 gal of new mud mixed. Make sure to pre-hydrate bentonite prior to making any **BORE COMMANDER** additions.

For added cuttings removal, pour 1 gal **BORE COMMANDER** directly down the drill pipe during a connection.

PRODUCT ADVANTAGES:

- Significantly reduces torque and friction
- Highly effective cuttings transport
- Excellent viscosifier
- Maximizes Yield of bentonite

PHYSICAL PROPERTIES:

Appearance:	Milky opaque liquid (thick)
Density, SG:	1.02 – 1.06
Ionic Character:	Anionic
pH	6.5 – 7.5

PACKAGING:

BORE COMMANDER is packaged in the following:

- 5-gallon buckets
- 1/2 gallon jugs