



POLY VIS 2000

High Performance Liquid Polymer

DESCRIPTION

POLY VIS 2000 is a 50 % active synthetic polymer developed for use in freshwater and saltwater base drilling fluids. POLY VIS 2000 is a unique dispersion grade liquid PHPA that resists freeze/thaw degradation and phase separation.

APPLICATIONS

POLY VIS 2000 viscosifies rapidly and exhibits excellent hole-cleaning characteristics under low shear rates. It provides easy solids deposition in settling pits when used in core drilling. Used alone or with KCL or substitutes it will stabilize active shales by encapsulating the drilled cuttings and inhibiting formation swelling. POLY VIS 2000 creates thicker, stronger drill foams improving the cuttings-carrying capacity of the fluid and resisting water inflows.

ADVANTAGES

- Concentrated polymer content with longer shelf life than other liquid polymers
- Stabilizes clay, shale and mudstone formations
- Compatible with most drilling fluids additives
- Excellent all-round lubricant
- Can be used with foam to help stabilize loose formations and improve cuttings carrying
- Can act as a flocculant

TYPICAL PROPERTIES

Physical Appearance	White Liquid dispersion
pH(1% solution)	6.5 – 7.5
Specific gravity	1.06 – 1.08

USAGE

Diamond Drilling

As a complete drilling fluid

0.3 – 2lts / 1000lts

For Improved core recovery

1 – 2.5lts / 1000lts

As a supplement to bentonite

0.2 – 3.0lts / 1000lts

As a foaming supplement

0.2 – 1lts / 1000lts

As a diamond drilling additive

0.5 – 0.75lts / 1000lts