



POLY VIS LIQUID

Liquid Polymer

DESCRIPTION

POLY VIS LIQUID is a high-molecular-weight, anionic liquid polymer designed to provide cuttings encapsulation and shale stabilization, and also acting as a viscosifier, friction reducer and flocculent. POLY VIS LIQUID can be used in both fresh and saline make up water.

APPLICATIONS

POLY VIS LIQUID polymer systems provide excellent cuttings encapsulation and improved wellbore stability in fresh, weighted, KCl or NaCl enhanced fluids.

Clear-water fluids. POLY VIS LIQUID may be used in clear-water, solids-free drilling fluids. It increases viscosity and removes solids by flocculation.

Low-Solids, Non-Dispersed (LSND). In reduced-bentonite fluids, POLY VIS LIQUID acts as a bentonite extender to increase viscosity and flocculates drill solids for more efficient removal.

POLY VIS LIQUID viscous sweeps are effective for periodic hole cleaning.

ADVANTAGES

- Concentrated polymer content with longer shelf life than other liquid polymers
- Provides excellent cuttings encapsulation and limits cuttings dispersion
- Provides improved shale stabilization
- Enhances the removal of drill solids
- Mixes and yields easily
- Aids in preventing balling on the bit, stabilizers and bottom-hole assembly by coating and lubricating solids
- Can be used with foam to help stabilize loose formations and improve cuttings carrying

TYPICAL PROPERTIES

Physical Appearance	Cream colored liquid
pH(1% solution)	8.9 – 9.0
Specific gravity	1.07- 1.10

USAGE

Diamond Drilling

As a complete drilling fluid
For Improved core recovery

0.5 – 2lts / 1000lts

1 – 2.5lts / 1000lts

As a supplement to bentonite
As a foaming supplement
As a diamond drilling additive

0.2 – 5.0lts / 1000lts

0.5 – 1lts / 1000lts

0.5 – 0.75lts / 1000lts

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