



POLY VIS RD

High Viscosity Readily Dispersible Polymer

DESCRIPTION

POLY VIS RD is a high molecular-weight readily dispersible polymer designed for cuttings encapsulation and shale stabilization developed for use in low solids to weighted muds in fresh and salt make-up water. **POLY VIS HV** acts as a Viscosifier, friction reducer, and flocculant.

APPLICATIONS

Clear-water fluids. **POLY VIS RD** may be used in clear-water, solids-free drilling fluids. **POLY VIS RD** enhances solids removal by flocculating low-gravity solids and increasing Viscosity while providing cuttings encapsulation and improved wellbore stability.

Low-Solids, Non-Dispersed (LSND) fluids In reduced-bentonite systems, **POLY VIS RD** extends bentonite to increase Viscosity, flocculates drill solids for more efficient removal and encapsulates cuttings while improving wellbore stability.

Weighted fluids **POLY VIS RD** can be used in weighted fluids for cuttings encapsulation, improved wellbore stability, Viscosity and improved filter cake integrity.

Viscous Sweeps **POLY VIS RD** sweeps are effective for periodic hole cleaning to help clear accumulated cuttings and maintain a clean hole.

ADVANTAGES

- Rapidly dispersed and does not form fish eyes
- Excellent cuttings encapsulation that limits cuttings dispersion
- Improved shale stabilization
- Coats and lubricates solids to aid in preventing balling on the bit, stabilizers and BHA
- Enhances the removal of drill solid

TYPICAL PROPERTIES

Physical Appearance	White granular powder
pH(1% solution)	7.7
Activity	>90%
Nature of Charge	Anionic

USAGE

Diamond Drilling	As a complete drilling fluid	Add 1.0 – 2.5 kg / 1000lt
	For improved core recovery & reduced torque & vibration	Add 0.8 –1.5 kg / 1000lt
Water Bores	To improve a bentonite fluid	Add 0.5 – 0.8 kg / 1000lt
	As a complete fluid in smaller diameter bores	Add 1.0 – 1.5 kg / 1000lt