

PAC LV



PAC LV is a low viscosity polyanionic cellulose polymer used for fluid loss control and encapsulation. The decreased number of branch chains on the polymer chain reduces the viscosity of the polymer substantially.

Application

PAC LV forms a thin, strong filter cake in order to stabilize the formation and reduce fluid loss the formation. PAC LV will act as a encapsulator in reactive formations reducing problem associated with clay and shale formations. PAC LV does not readily increase the viscosity of the system.

Advantages

- Effective in low concentrations for controlling fluid loss with minimal gain of in viscosity
- Encapsulates shale particles to inhibit swelling and dispersion
- Applicable in all water-base fluids, ranging from low-solids, non-dispersed polymer systems to density, dispersed systems

Typical Usages

Typical Amounts of PAC LV Added to freshwater			
Drilling Application	lb/100 gal	lb/bbl	kg/m ³
Normal fluid loss	0.5 - 1	1.2 - 2.5	1.5 - 3.0

Typical Properties

Physical Appearance	White, granular powder
Specific Gravity	1.6
pH (1% solution)	6.5-8.5
Bulk Density	40-55 lbs/ft ³

Packaging

PAC LV is packaged in 50 lbs (22.7 kg) bags