

PAC HV



PAC HV is a high viscosity polyanionic cellulose polymer used for fluid loss control and encapsulation. The increased number of branch chains on the polymer chain increases the viscosity of the polymer substantially.

Application

PAC HV forms a thin, strong filter cake in order to stabilize the formation and reduce fluid loss the formation. PAC HV will act as a encapsulator in reactive formations reducing problem associated with clay and shale formations. PAC HV increases the viscosity of the fluid system.

Advantages

- Effective in low concentrations for controlling fluid loss and building 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 HV Added to freshwater			
Drilling Application	lb/100 gal	lb/bbl	kg/m ³
Normal fluid loss	1.2 - 2.5	0.5 - 1	1.4 - 2.8

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 HV is packaged in 50 lbs (22.7 kg) bags