



Technical Data Sheet

PAC HV

Product Description

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. .

Applications: **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.

Treatments: Typical treatments range from 0.25 - 2 lb/bbl. Higher concentrations could be required depending on water chemistry and type of drilling fluid. Concentrations of 1 - 3 lb/bbl could be required.

Daily maintenance treatment are required. Pilot testing is suggested to determine the actual treatment required to obtain the desired properties.

KEY BENEFITS

- **Effective in low concentrations in lowering and controlling fluid loss in water-based muds.**
- **Encapsulates shale particles to inhibit swelling and dispersion.**
- **Minimizes the potential for differential sticking.**

Key Properties

pH	6.5 - 8.5
Color	Off white
Physical Form	Powder
Sg	1.6
Solubility	Soluble in water
Packaging	50 lb Sacks