

# *Pac HV*

## **Viscosifying Polymer**



**DESCRIPTION** **Pac HV** is a versatile polymer additive, which provides viscosity and hole stabilization in all types of drilling. Pac HV is used on its own or with bentonite to form a thin tough impermeable filter cake.

**APPLICATIONS** **PacHV** is a water-soluble polymer, which provides protection against water invasion into sensitive hydratable formations. It has the ability to improve core recovery in diamond drilling and can be used as a single mud additive or with bentonite, liquid polymer, and other products. Pac HV is effective in fresh, salty, and hard water.

### **ADVANTAGES**

- Soluble in water and mixes easily with moderate shear
- Effective in small concentrations
- Very versatile product and is compatible with most drilling polymers, bentonite, and lubricants
- Effective in all water types
- Can be used as 'one sack' drilling fluid additive
- Improves core recovery and reduces torque
- Non-toxic and environmentally acceptable

### **TYPICAL PROPERTIES**

Physical appearance	White, free-flowing powder
pH 1% soln	8.0

### **USAGE**

To reduce torque and improve core recovery, add 1-3 kg per 1000 lt  
To stabilize unconsolidated formations, clays etc, add 3-5 kg per 1000 lt  
To improve the properties of a Stargel mud, add 0.5 – 2.0 kg per 1000 lt  
Mix slowly through a mud hopper or a PVC eductor

### **PACKAGING**

25kg double plastic wrapped paper sack.