

TROL-STAR HV



TROL-STAR HV is a combination of high-quality, water-soluble bio polymers designed to control fluid loss and increase viscosity in water base muds. TROL- STAR HV provides immediate viscosity and fluid loss control in both fresh and saline water.

Application

TROL-STAR HV controls fluid loss and provides viscosity in freshwater, seawater, KCl and salt muds. Forming a thin, resilient, low-permeability filter cake TROL-STAR HV minimizes the potential for differential sticking and the invasion of filtrate/mud solids into permeable formations.

Advantages

- Effective in low concentrations for controlling fluid loss and building viscosity
- Encapsulates shale particles to inhibit swelling and dispersion
- Functions over a wide range of salinity, hardness and pH levels
- Applicable in all water-base fluids, ranging from low-solids, non-dispersed polymer systems to density, dispersed systems

Typical Usages

Typical Amounts of TROL-STAR HV Added to freshwater			
Drilling Application	lb/100 gal	lb/bbl	kg/m ³
Normal fluid loss	1.2 - 2.5	0.5 - 1	1.5 - 3
Add TROL-STAR HV slowly at the hopper or mixing system to prevent clumping or "fish eyes"			
TROL-STAR HV is biodegradable and may require the use of biocides if the drilling fluid will be circulated for long periods.			

Properties

Physical Appearance	White to beige free-flowing powder
Specific Gravity	1.5 - 1.6
pH (1% solution)	6.5 - 8.0

Packaging

TROL-STAR HV is packaged in 50-lb (22.7-kg) multi-wall bags and in 5 gallon (18.9L) buckets