

Lost Circulation & Fluid Loss Control

TROL HV



Product Number: 9410007

Applications

Trol HV controls fluid loss and provides viscosity in freshwater, seawater, KCl and salt muds. It forms a thin, resilient, low-permeability filter cake which minimizes the potential for differential sticking and the invasion of filtrate and mud solids into permeable formations. It is effective in low concentrations, with the normal fluid-loss treatment ranging from 0.25 to 1 lb/bbl (0.71 to 2.85 kg/m³).

TIME Trol HV may also be used by itself where bentonite-based drilling fluids are prohibited.

Advantages

- Effective in low concentrations for controlling fluid loss without viscosity increases
- Encapsulates shale particles to inhibit swelling and dispersion
- Functions over a wide range of salinity, hardness and pH levels
- Applicable in all water-based systems
- Environmentally acceptable

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

Method of Addition

Trol HV should be added slowly, as required, at the mixing hopper for best results as required. As it is biodegradable, bacterial control (biocide) should be implemented if the fluid will be re-used for long periods. A higher pH environment does slow bacterial degradation. Maintain a pH of at least 8.5 with 0.2 lb/bbl (0.6 kg/m³) soda ash for best results.

Typical Physical Properties

Physical appearance	White free-flowing powder
Specific gravity	1.5 – 1.6
pH (1% solution)	6.5 – 8.0

Packaging and Storage

Trol HV is supplied in 25 lb/11.4 kg multi-wall bags and 25 lb pails.

Store in a dry, well-ventilated area away from incompatibles or sources of heat or ignition.

