

# Liquid Pac

***A high viscosity polymer suspended in an ultra-clean carrier fluid for easy mixing***



## DESCRIPTION

**Liquid Pac** is a polyanionic cellulosic polymer suspended in a non-toxic carrier oil. Liquid Pac is used as a viscosifier, filtrate reducer, borehole stabiliser, and lubricant in all types of drilling. Liquid Pac can be used on its own, with bentonite, or with other FluidStar additives to form an easily mixed and effective drilling fluid.

## APPLICATIONS

- Controls fluid loss and produces a thin, tough filter cake.
- Can be substituted for SuperTrol to improve core recovery in diamond drilling.
- Increases viscosity and stabilises bentonite fluids in rotary drilling operations.
- Reduces friction and minimises chances of differential sticking.
- Inhibits reactive clays and mudstones and retards drilled solids build-up.
- Can be used to make viscous hole sweeps in horizontal drilling.

## ADVANTAGES

- Ease of mixing requires no hopper and only moderate agitation.
- Saves mixing time compared with powdered polymers.
- Reduced product wastage
- Faster penetration rates.
- Very versatile product and is compatible with most drilling polymers, bentonite, and lubricants.
- Effective in all water types
- Can be used as 'one drum' drilling fluid additive
- Non-polluting. Safe to use on all locations.

## TYPICAL PROPERTIES

Physical appearance	White slurry
pH 1% soln	6.5-8.5

## USAGE

To reduce torque and improve core recovery, add 2-4lts/1000lts  
To stabilize unconsolidated formations, clays etc, add 3-6lts/1000lts  
To improve the properties of a Stargel mud, add 0.5 – 2.0lts/1000lts  
Mix through a mud hopper or pour slowly onto a water jet stream.

## PACKAGING

18 kg pail