

PAC LV PLUS

Filtration control

Product Description

PAC LV PLUS is a specially processed blend of polysaccharide derivatives to control filtrate loss, which gives higher temperature stability than regular PAC LV grade.

It is designed for situations where filtration control is needed with only minimal increases in rheology. PAC LV PLUS polymer will perform well in all brine applications, especially salt water-base fluids. PAC LV PLUS polymer will encapsulate solids to control dispersion of active shale.

Typical Physical Properties

Physical appearance	White, free flowing powder
Specific gravity	1.5 - 1.8

Application

PAC LV PLUS polymer controls fluid loss in freshwater, seawater, KCl and salt water. PAC LV PLUS additive aids in the formation of a tough, thin filter cake to minimize the potential for differential sticking.

This unique polymer combination is synergistic and gives higher temperature stability than regular PAC LV grade. PAC LV PLUS polymer will be useful in areas where the generation of viscosity build-up should be avoided, but filtration control is required.

PAC LV PLUS polymer will create an envelope around exposed shales and cuttings for encapsulation that reduces dispersion and improves wellbore integrity. Encapsulation protects the shale from exposure to water that tends to destabilize the shale.

Advantages

- Effective in controlling filtration with minimal increase in rheology
- Functions at all pH ranges
- Environmentally acceptable
- Resists bacterial attack, requiring no biocides or preservatives
- Performs in a wide variety of waters.
- Has higher temperature stability upto 300 Deg F.

Recommended Treatment

Recommended treatment for PAC LV PLUS polymer is from 0.5 to 3.0 lb/bbl (1.5 to 9.0 kg/m³) depending on the water type and the salt level to control fluid loss.

Toxicity and Handling

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

PAC LV PLUS polymer is packaged in 25-kg (55.1-lb), multi-wall, paper sacks.

Store in a dry location away from sources of heat or ignition, and minimize dust.

Important Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and method of use of our product are beyond our control. We recommend that the prospective user determine the suitability of our material and suggestions before adopting them on a commercial scale.