QPAC LV

Description

QPAC LV is a filtration control agent used in most water-based drilling fluids. It is designed for situations where filtration control is needed with only minimal increases in rheology. It does not contain any other polysaccharides such as starch, guar or other naturally occurring polymers or their derivatives.

QPAC LV meets API 13A specifications.

Applications

QPAC LV is used primarily as a fluid loss reducer in fresh and salt water muds. QPAC LV does not provide the viscosity increases seen with regular polyanionic cellulose. It may be used at all densities in either dispersed or non-dispersed systems.

QPAC LV is used in areas where the generation of viscosity build-up should be avoided, but filtration control is required.

Features and Benefits

- Minimal increase in viscosity
- Controls filtration rate and assists in forming thinner, less permeable cake.
- Good thermal stability.
- Environmentally acceptable.
- Tolerant to high salinity.
- Resistant to bacterial attack.

Typical Properties

Appearance	Solid
Color	White
Specific Gravity	1.55 – 1.6
Solubility in water	100 %

Recommended Treatment

QPAC LV normal concentrations 1.0 – 3.5 ppb (3.0 – 10.0 kg/m^3) in saline water based systems, in fresh water systems lower concentrations of 0.5 – 2.0 ppb (1.4 – 5.7 kg/m^3) may be ran. These levels may be increased to achieve desired parameters.

QPAC LV is resistant to temperatures up to 300 °F (149°C). QPAC LV does not suffer degradation by bacteria.

Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

QPAC LV is available in 50 lb (22.7 kg) and 55 lb (25 kg) bags.