

ANCO PAC LV

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

ANCO PAC LV is a polyanionic cellulosic polymer, specifically designed to help reduce the filtration rate of water based fluids without causing an appreciable increase in the rheological properties of the mud system.

Typical Application

ANCO PAC LV is used to reduce the filtration rate (API & HTHP) of solids laden water based drilling fluids, where an associated increase in viscosity is undesirable. It may be used in water based drilling fluids ranging from fresh to saturated salt water, and having low to high (approx. 6.0 - 11.0) pH.

Product Advantages

- Acts as a protective colloid by coating the well bore, cuttings and suspended solids with a thin layer of polymer (encapsulation) to prevent hydration and dispersion.
- Provides outstanding filtration rate control in a variety of water based drilling fluid environments.
- Helps to reduce filtrate invasion into porous and productive formations.
- Disperses rapidly into a variety of aqueous environments, from fresh to saturated saltwater.
- Proper system treatment result in a filtercake that is thin, slick and flexible.
- Resists the attack of micro-organisms and does not ferment.

Recommended Treatment

ANCO PAC LV is typically used at concentrations of 0.5 - 2.5 lbs/bbl (1.4 - 7.1 kg/m³). The product is used primarily for the control of API and HTHP (<275°F) and filtration rate of water based fluids, where an increase in viscosity is undesirable. In order to optimize performance and prevent the formation of lumps (fisheyes), ANCO PAC LV should be mixed, through the hopper, at a controlled rate no faster than 15 - 20 minutes per sack.

Handling

Employees should utilize normal precautions when handling chemical products. The use of safety goggles, gloves and apron are recommended when handling this product. In case of eye contact, flush with clean, fresh water and seek medical advice. In case of skin contact, wash the affected area with soap and water. The use of dust mask is recommended when using this product. Review the Material Safety Data Sheet (MSDS) for this product prior to use.

Storage

Store in a dry area, protected from precipitation and moisture.

Packaging

Packaged in 50 lb (22.5 kg) multi-wall paper sacks.

Typical Chemical and Physical Properties

Bulk density, lb/ft ³	34 - 36
Specific Gravity g/cm ³	1.1 - 1.2
Solubility	Soluble in fresh water, sea water and brines
Appearance	Free flowing white powder
Color	White to off-white
Odor	None
pH	6.5 - 8.5
Temperature Stability, °F275