

# QXAN L

## Description

QXAN L is a high molecular weight hydrophilic biopolymer (natural polysaccharide) suspended in mineral oil. It is compatible with other additives commonly used in water-based drilling fluids. QXAN L exhibits the rheological property of shear thinning in aqueous solutions. It does not contain starch, guar gum or any other naturally occurring polymer.

## Applications

Provides superior suspension and hole cleaning properties. Used as viscosifier in fresh and saline water-based drilling fluids, completion or workover fluids. It can also be used in small volumes of mud as cleaning sweeps prior to tripping, logging or while drilling.

Used in low solids and highly weighted systems. It will enable optimum rheology control through superior low shear rate viscosity. It is an extremely stable suspension.

## Features and Benefits

- QXAN L provides excellent rheological properties for water-based drilling fluids.
- Designed to be easily mixed at the rig site, saves time and eliminates waste.
- Disperses easier than powder xanthan gum.
- Optimum solids suspension due to superior low shear viscosity.
- Effective in a wide variety of salinities.
- Low concentrations are needed for obtaining high viscosities.

## Typical Properties

<b>Appearance</b>	Viscous liquid
<b>Color</b>	Cream-Tan
<b>Specific Gravity</b>	1.02
<b>Flash Point</b>	194°F (90°C)

## Recommended Treatment

Small quantities provide high yield points and low plastic viscosities. Concentrations of 0.5 – 1.0 ppb (1.4 – 2.85 kg/m<sup>3</sup>) are normal. These may be increased depending on the desired carrying capacity. When used as the sole viscosifier of a polymer fluid system, concentrations of 1.5 – 2.0 ppb (4.2 – 5.7 kg/m<sup>3</sup>) of QXAN L may be required.

## 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

QXAN L is available in 5 gal (18.9 L) pails, 55 gal (208 L) drums or 1m<sup>3</sup> totes.

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