



# BioPol™ L

## VISCOSIFIER

### Overview

A liquid, high molecular weight polysaccharide polymer in an organic carrier fluid, BioPol™ L viscosifier is used as a primary viscosifier and suspending agent for clear brine fluids, spacers, and fluid loss control pills.

### Features and Benefits

- Easy to handle and mixes well in low-shear environments
- Extremely stable suspension and provides reliable properties
- Highly cost effective
- Provides stable rheology control
- Performs well in fresh water, seawater, brine and saturated salt environments
- Facilitates rapid dispersion without “fisheye” creation
- Minimizes formation damage
- Provides excellent friction reduction
- Stable thickener for 15% HCl at temperatures below 150°F

### Applicable Information

BioPol™ L viscosifier is a versatile product and can be used in most types of water based fluids for rheology modification hole cleaning and solids suspension. It provides excellent friction reduction for coiled tubing operations and is useful over a wide pH range. BioPol™ L viscosifier is uniquely stable and easily handled.

### Physical Properties

Appearance	Off white, tan or brown viscous liquid
Incompatibilities	None
Flash Point	220°F (104°C)
pH	7.0
Specific Gravity	1.10
Water Solubility	Soluble

### Packaging Information

5 gallon pail, 32 pails/pallet

### Recommended Treatment

BioPol™ L viscosifier can be used in a variety of applications, and recommended volumes range from 0.06 gal/bbl to 0.80 gal/bbl.

### Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use a properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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