



## PatriotGel – Usage Guide

### Description

PatriotGel is a high purity Xanthan Gum and biopolymer blend suspended in a BTEX free white oil. PatriotGel only uses high quality polymers and the highest quality suspension package. This provides a stable suspension with both quality and consistency.

PatriotGel 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 in a wide range of pH and salinity.

Application:	Viscosifier
Dosage:	1.0-10.0 gpt
Salinity Range:	Fresh-250k TDS
Temperature Stability:	250°F
pH Stability:	5.0-11.0

### Application:

For use as a viscosifier in fresh or brine fluids. Hydrates in fresh water to brines as high as 250,000 TDS. Maximum TDS tolerance will vary some based on composition on multi-valent salts.

Dosages vary depending on operating conditions, temperature, and water characteristics. Typical dosages in gel applications range from 2-10 gallons per thousand. It is important that PatriotGel be added at a point of turbulence to ensure proper mixing. Allow to shear from 5-15 minutes to reach maximum viscosity.

### Packaging, Handling & Storage

Packaging: 275 gal tote, 55 gal. drum, 5 gal bucket. Prices vary upon packaging type.  
Storage: 6 months in original unopened drums/IBC.