

SHARKXAN

Product Description

SHARKXAN® viscosifier is a powdered xanthan gum used in most waters regardless of salinity or hardness. It is dispersible, non-clarified, high-molecular-weight biopolymer. SHARKXAN® can provide excellent suspension and shear-thinning properties and be used up to 250°F. SHARKXAN® biopolymer is subject to bacterial degradation, and treatments with biocide is recommended to prevent fermentation. At mud pH values above 10.0, SHARKXAN® becomes more sensitive to soluble calcium and may be precipitated out of solution, however, it can be added to most waters regardless of salinity.

Applications/Functions

- Viscosify fresh water and brine-based fluids used for drilling, milling, underreaming, and gravel packing operations
- Suspend bridging agents and weighting materials in fresh water and brine systems

Advantages

- Highly effective viscosifier with minimal treatments producing significant results. Shear-thinning rheological profile for improved hydraulics
- Provides excellent suspension without the need for clays
- Minimize the potential for formation damage
- Stable up to 250 F

Typical Properties

- Appearance: Yellow to white powder
- Specific gravity: 1.6

Recommended Treatment

- A typical range is 0.1-2 ppb. SHARKXAN® can be mixed directly into the system through the hopper at a rate of 20-25mins per sack. Maximum shear assures quick hydration and avoids lumping and formation of “fish eyes”

Package

25 KG SACK

