

Bioxan

Viscosifier/Suspension Agent

Description

BIOXAN, a dispersion-enhanced xanthan biopolymer, provides viscosity and suspension in fresh water, sea water, sodium bromide, potassium bromide, potassium chloride, and sodium chloride-based fluids. The reagent is specially designed to improve dispersion.

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

- Disperses easily in fresh water muds, and brines.
- Provides thixotropic properties and non-Newtonian flow characteristics over a wide salinity range at low concentrations.
- Provides excellent suspension without the need for clays.
- Minimizes the potential for formation damage.
- Stable to 250°F (121°C).

Typical properties

- | | |
|----------------------------|------------------------|
| • Appearance | Yellow to white powder |
| • pH (1% aqueous solution) | 7,5 |
| • Specific gravity | 1,6 |

Recommended treatment

Mix 0.3-5.7 kg/m³ of BIOXAN, as needed to obtain the desired viscosity and suspension characteristics.

Package

Bioxan is packaged in 25 kg sacks.
