

# Bioxan HT

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*Viscosifier/Suspension Agent*

## Description

BIOXAN HT, 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.

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## Applications/functions

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

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## 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 338°F (170°C).

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## Typical properties

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|----------------------------|------------------------|
| • Appearance               | Yellow to white powder |
| • pH (1% aqueous solution) | 6.3                    |
| • Specific gravity         | 1,6                    |

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## Recommended treatment

Mix 0.3-5.7 kg/m<sup>3</sup> of BIOXAN HT, as needed to obtain the desired viscosity and suspension characteristics.

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## Package

BIOXAN HT is packaged in 25 kg sacks.

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