



TIGER XAN

Dispersible High Viscosity Xanthan Gum

Description

Tiger Xan is a biopolymer powder designed to provide maximum solids suspension and hole cleaning. This applies in vertical, highly deviated as well as horizontal directional drilling. It also provides excellent shear thinning properties as well as acting as a very effective mud filtrate viscosifier.

Applications

Tiger Xan can be used to viscosify fresh water and brine-based fluids used in drilling, milling, underreaming, and gravel packing situations. It can be used as a single viscosifying additive in different fluid solutions. Tiger Xan is highly shear thinning which improves bit cleaning and ROP significantly. The fluid will revert to higher viscosities at low shear rates.

Advantages

- Can be added to any drilling fluid
- Cost effective – Highly effective in low concentrations
- Stabilises unconsolidated formations
- Maximises hole cleaning and suspension properties
- Improves lifting capacity with only a small effect on ECD
- Improves hydraulics
- Environmentally safe
- Prevents surging and swabbing
- Provides excellent lubrication

Typical Properties

Appearance	White to tan powder
Specific Gravity	1.5

Recommended Treatments

Tiger Xan needs to be mixed as 1 to 2kg per m³ or as needed to obtain the desired viscosity and suspension characteristics.

Packaging

Tiger Xan is packaged in 15kg pails.