

TiKEM XG (Xanthan gum)

TiKEM XG is a Xanthan Gum; biopolymer used in drilling, completion and work-over operations. **TiKEM XG** is used primarily as viscosifier and suspending agent.

Application:

TiKEM XG can be used in fresh water, brackish water or saturated salt systems and it is unaffected by most contaminants.

Drilling:

TiKEM XG provides excellent hydraulics in make-up waters ranging from fresh water up to saturated salt water. **TiKEM XG** is fast hydrating and mainly used in low solid drilling fluids as a viscosifier.

TiKEM XG contributes in improving the rate of penetration and preventing the settling of solids when the circulation is stopped.

Gravel Packing:

TiKEM XG, because of its high pseudo plasticity, carries efficiently a high gravel concentration and keeps it adequately in suspension. The shear thinning properties allow an efficient separation and release of the gravel at the screen.

Packer fluids:

Suspending characteristics associated with a good pumpability are properties that can be achieved by using **TiKEM XG**, keeping at the same time a low damaging potential.

TiKEM XG drilling fluids have been used up to 300°F (150°C). Using **TiKEM XG** as primary viscosifier and suspending agent, bentonite concentration can be reduced and high temperature gelation is minimized.

Treatment and dosage:

TiKEM XG should be slowly added to the drilling fluid at a rate of about 10-20 min/sk.
TiKEM XG is generally used at concentration of **1.5 - 4.0 kg/m³**

TiKEM HUNGARY KFT.








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General characteristics:

 Appearance:	free flowing powder form
 Color:	cream
 Moisture content:	max. 15 % (as packed)
 pH (1% DW solution):	7 approx.
 Viscosity: Brookfield LVT 1% sol in 1%KCL sol	700-2000 cP
 Particle size: pass through 20 mesh ASTM screen:	98%
 Shelf life:	12 months*

*Keep from direct sunlight and wet/vapor/stream. (see MSDS)

Warning: Xanthan gum is a 100% natural product; tends to ferment!

Packaging: 25 kg multiply paper sacks with internal PE
1000 kg palletised

Origin: EU

Exclusive Distributor:

Ti KEM Hungary Ltd.
info@tikemhungary.hu

Note:

The data in this technical data sheet is provided for information only. It is correct to the best of our knowledge, information and belief at the date of its publication. All information comes from the producer. It does not constitute a specification and no liability is assumed, nor freedom from any existing patents.

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