

TECHNICAL PRODUCT INFORMATION SHEET

TiKEM XG (xanthan gum)

TiKEM XG is a Xanthan Gum 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**.

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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% soln in 1%KCL soln	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: Xantham gum is a natural product; tends to ferment!

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

Origin: EU

Exclusive Distributor:

Ti KEM Hungary Ltd.
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Note:

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