

TiKEM CMC LV





TiKEM CMC LV is a low viscosity CarboxyMethyl-Cellulose (CMC), technical grade manufactured meeting the API specifications 13A/ISO13500. It is used as a fluid loss reducing agent in fresh, saturated salt water-based drilling fluids.

Application:

TiKEM CMC LV is used in various types of drilling fluids ranging from fresh water to saturated salt water. It is particularly used when borehole conditions or excessive reservoir pressures require higher mud weights thus a low viscosity product is highly recommended for the control of the fluid loss. In usual conditions CMC LV has no microbial susceptibility. CMC LV can be used in a wide range of pH (7-11). The product flows easily from the bags and, if carefully added through the hopper, dissolves quickly in the drilling fluid without lumping. CMC LV has been used up to 300 °F (150 °C) temperature stability is dependent on different variables such as oxygen and metal ions content as well as pH and contaminants present in drilling fluids.

Dosage:

The amount of **CMC LV** required depends on the type and the characteristics of the drilling fluid. The typical dosages:

 in fresh water mud:	3 – 10 kg / m³ water
 in sea water mud:	6 – 15 kg / m³ water
 in saturated salt water mud:	11 – 20 kg / m³ water
 mixing with bentonite mud:	3 – 5 kg / m³ water or mud

The product should be added slowly through a mixing hopper at a rate of 10-20 min/sack.

Packaging: 25 kg paper sacks, 1000 kg palletized

Shelf life: 12 months

The product is available from stock

Origin: EU

TiKEM HUNGARY KFT.










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General characteristics:

 Appearance:	white or yellowish powder form
 Ionic character:	anionic
 Bulk Density (min):	600 Kg/m ³
 Toxicity:	environment friendly, non-toxic
 Degree of Substitution	0, 8-0,9
 Moisture content:	max. 8%
 pH Value:	8-10
 Storage temperature:	5-35 °C
 Shelf life:	12 months*

*when stored inside a building at a stable temperature between 5-30°C.
Keep from direct sunlight and wet/vapour/stream.

Exclusive Distributor:

Ti KEM Hungary LTD.
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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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