

## LOW VISCOSITY, CARBOXYMETHYL CELLULOSE

### GENERAL INFORMATION

CMC LV is a low viscosity, carboxymethyl cellulose according to API specification no. 13A. CMC LV is a fluid loss reducer for all types of water based drilling fluids and is stable up to 266<sup>0</sup>F.

### TYPICAL PROPERTIES

Appearance:	Off white, free flowing powder
Compatibility:	All water based drilling fluids
Solubility:	Readily soluble
Suspensibility:	Excellent without lumping
Bulk density:	600 – 700 kg/m <sup>3</sup>
Rate of addition:	10 – 20 kg/m <sup>3</sup> (3.5 – 7 lbs/bbl.)
Temperature Stability	266 <sup>0</sup> F max

### PRODUCT APPLICATION

CMC LV is a low viscosity, carboxy methyl cellulose, applicable in water base muds in a wide range from fresh, sea to salt saturated water.

CMC LV can be used as a fluid loss reducer in low solid polymer systems, KCL/PHPA, Gypsum muds, dispersed and non-dispersed weighted and unweighted systems.

### QUALITY CONTROL

Fann dial reading (600 rpm)	<i>Deionized Water</i>
	Max. 90
API Fluid Loss after 30 min (ml)	<i>4% NaCl</i>
	Max. 10.5

### SAFETY PRECAUTIONS

CMC LV is non-toxic.

### PACKAGING

CMC LV is available in 25 kg multiply sacks with P/E liner.