



PRODUCT DATA SHEET

ILCO-LUBE EM 03

- A) Application: Emulsifier
B) Appearance: Clear Liquid, yellowish
C) Chemical Description: Alcohol, C16- C18, C18 unsat., ethoxylated, based on vegetable raw material

Product Spezifikation				
Parameter*	Unit	Method	Limits	Typical Values**
Colour		visuell	Colourless- yellowish	Colourless- yellowish
Water content	[%]	DIN 51777	0-0,5	0,3
Hydroxyl value	[mgKOH/g]	DGF C-V 17 a	155 – 165	161
Pour Point	[°C]	DIN 3016	Max. 15	15
Density @20 °C	[g/cm³]	DIN 51757	0,88 – 0,91	0,90
pH value (1%in 0,03 %KCL solution)		DIN 19268	6,0 – 7,6	6,2

Remarks:

* = Data will be determined on each batch and will be on the CoA

**= Statistical Mean out of different batches

Parameter*	Unit	Method	Limits	Typical Values**
Density @70 °C	[g/cm³]	DIN 51757	0,85 – 0,87	
Cloud Point Index		DIN 4320	19 - 23	

***= 2 = These Data will not be determined regularly, not part of specification.

Application

ILCO-LUBE EM 03 is a low foaming, hydrophobic emulsifier component for water miscible metal-working fluids concentrates. Metal-working fluid concentrates formulated with ILCO Lube EM 03 show excellent low temperature properties.

The product can be stored for at least 2 years at ambient storage condition and temperatures without any deterioration.

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