



## PRODUCT DATA SHEET

### ILCO Lube 5000

- A) Application: Component for Lubricants, dispersant  
B) Appearance: Clear Liquid  
C) Chemical Description: Poly carbonic acid, half ester

Product Specification				
Parameter*	Unit	Method	Limits	Typical Values**
pH-Value (2,5 % in water)			3,2 – 4,2	3,7
Viscosity @ 40°C	[mm <sup>2</sup> /s]	DIN 51562/T1	1400 – 3200	2500
Color Gardner			Max. 5	2
Other Parameters <sup>2</sup>				
Density (20°C)	[kg/m <sup>3</sup> ]	DIN ISO 51757 V4		1050
Flash point	[°C]	DIN ISO 2592		181
Water content	[%]			<1

**Remarks:**

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

\*\*= Statistical Mean out of different batches

<sup>2</sup> = These Data will not be determined regular.

Other Data – not relevant for the specification-			
Parameter	Unit	Method	Values
Acid Number	[mgKOH/g]	ASTM D 974	60 – 70 <sup>a</sup>
Viscosity @ 25 °C	[mm <sup>2</sup> /s]	ASTM D 445	10000
Saponification value	[mgKOH/g]	ASTM D 94	95 – 125 <sup>a</sup>
a) difficult to determine and to reproduce, because it is a polymer			

All information concerning our products and/or all suggestions for handling and use herein are offered in good faith and are believed to be reliable. ILCO Chemikalien GmbH, however makes no warranty as to the accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purpose. The information contained herein supersedes all previously issued bulletins on the subject matter covered.