

## Lubricating oil

### KONTAKT CHEMIE Lub Oil 88

#### Description:

Low-viscosity mineral-oil-based lubricating oil to DIN 51502 CLP 10

#### General properties and applications:

KONTAKT CHEMIE Lub Oil 88 is a heavy-duty low-viscosity multi-purpose lubricating oil. Special active ingredients give it excellent resistance to ageing (no resinification). Because of its good cleaning action and dirt-removing power, lubricating points remain free from harmful contaminants. High-pressure additives ensure low wear and friction in the mixed friction range. KONTAKT CHEMIE Lub Oil 88 has advantageous anti-corrosion properties when applied to steel and also copper and other non-ferrous metals. KONTAKT CHEMIE Lub Oil 88 is also used for the lubrication of precision-engineered metal bearings and gears in machine manufacture and the electronics industries. It also protects lubricating points in corrosive environments and where there is increased humidity. In the low-viscosity form supplied it is very easy to apply by spraying.

#### Technical data

Properties in state as delivered			
Density at 20°C	Aerosol	FEA 605	0,83 g/cm <sup>3</sup>
	Bulk	ASTM D 896	0,83 g/cm <sup>3</sup>
Flash point		ASTM D 56	70°C
Viscosity at 20°C		ASTM D 2983	5 mPa.s
Properties of the lubricating oil after the evaporation of the solvent			
Density at 15°C		ASTM D 891	0,875
Viscosity	-20°C	ASTM D 2983	180 mm <sup>2</sup> /s
	0°C		50 mm <sup>2</sup> /s
	40°C		10 mm <sup>2</sup> /s
	50°C		7,6 mm <sup>2</sup> /s
	100°C		2,7 mm <sup>2</sup> /s

<b>Properties of the lubricating oil after the evaporation of the solvent</b>		
Flash point	ASTM D 56	160°C
Pour point	ASTM D 97	-30°C
Neutralisation value (acid)	DIN 51558 T1	0,7 mg KOH/g
Saponification number	DIN 51559	2,4 mg KOH/g
Sulphate residue	DIN 51575	0,31%
Demulsifying power	DIN 51599	non-demulsifying
Corrosive action on copper Degree of corrosion	DIN 51759	1-100 A24
Corrosive behaviour with respect to steel	DIN 51585	0-A
Ageing behaviour, Rise in viscosity Increase in precipitation	DIN 51586	3% < 0,05 ml
Mechanical test, FZG gear rig test	DIN 51354 T2	Damage power stage

### Application instructions:

KONTAKT CHEMIE Lub Oil 88 can be applied by all conventional methods. In the small aerosol cans it is particularly suitable for servicing applications (tool box). Because of its high flash point it can be used for conventional lubricating tasks without the need for special explosion protection measures. However, the product must not be sprayed directly into live electric circuits or other potential sources of ignition. Further information on safety can be found in the safety datasheet.

### Available:

Aerosol, 100 ml, 200 ml  
Bulk 1 l

These values are not intended to be used as specifications. They are based on what we believe reliable. However it is the user's responsibility to determine the suitability.



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