

Multi-Purpose Oil

KONTAKT CHEMIE Kontakt 40

Description:

Low-viscosity, penetrating mineral-oil-based corrosion-protection and lubricating oil

General properties and applications:

KONTAKT CHEMIE Kontakt 40 forms a thin, virtually invisible fluid film of mineral oil. In the condition as supplied it is a low-viscosity and penetrating oil. It gets therefore into fine pores and gaps and readily penetrates through dirt and corrosion layers. KONTAKT CHEMIE Kontakt 40 is also suitable for the recovery treatment of components, damaged by water, because it has excellent water displacement qualities. Good wetting of metals also makes it a multi-purpose lubricant. KONTAKT CHEMIE Kontakt 40 is suitable for the corrosion protection of electrical contacts in low-voltage engineering. It will do an excellent job in any mechanical workshop as a lubricant and corrosion protector and for loosening corroded screws and other fasteners.

Technical Data

As delivered			
Color			yellowish, transparent
Density at 20°C	Aerosol	FEA 605	0,82 g/cm ³
	Bulk	ASTM D 891	0,83 g/cm ³
Flash point		ASTM D 56	78°C
Viscosity at 20°C		ASTM D 2983	~3 mPa.s
Coverage	Aerosol	In-house method	22m ² /300 ml Aerosol
	Bulk	In-house method	100 m ² /l
Properties after drying off of the solvent			
Color			Colorless
Flash point		ASTM D 56	175°C
Ignition temperature		DIN 51794	250°C
Heat resistance		In-house method	≤120°C
Short-term permissible heat resistance		In-house method	150°C
typical film thickness			2µm
Viscosity at 20°C		ASTM D 2983	64 mPa.s
Salt spray mist test, cold-rolled steel sheets		ASTM B 117	no rust after 65 h
Lubrication, Falex true load failure		ASTM D3233 Method A	8900 N

Application instructions:

The easiest way to apply KONTAKT CHEMIE Kontakt 40 is by spraying (e.g. from the aerosol can). Parts which are wet from preceding processes can be dried and corrosion-protected in a single operation using the spray method. Before spraying on electrical or electronic equipment, switch off the devices. KONTAKT CHEMIE Kontakt 40 is also used as a cleaning agent for stainless steel and aluminium surfaces. Conservation and cleaning are achieved in a single operation. The thin oil film already evens out traces of pitted corrosion. New parts receive protection against accidental contact. The combination of cleaning, lubricating and anti-corrosion actions has proved itself suitable for routine maintenance work on machine tools. For soft metals such as aluminum and copper, KONTAKT CHEMIE Kontakt 40 is an excellent means of preventing lubricating chip formation in machining operations. The life of the corrosion protection which can be achieved depends on the local conditions and must be routinely tested when the product is first used under these conditions. When the conditions are critical, this must be done within a week. Avoid combinations with other anti-corrosion agents (oiled papers) KONTAKT CHEMIE Kontakt 40 does not usually need to be removed for standard operations. Where required, it can readily be removed using aqueous-alkaline cleaners (not for aluminum!) or solvent cleaners e.g. KONTAKT CHEMIE degreaser 65.