



Shanghai Jichuan Trading

LM 300 Contact-Oil (LM 300 Contact Oil)

DESCRIPTION

LM 300 Contact Oil is a fully synthetic contact oil for micro-switches, switches with low contact pressures and plugs and connector strips. LM 300 Contact Oil does not contain silicones.

PROPERTIES

- high level of compatibility with plastics (for plastics which are sensitive to stress cracking such as polycarbonates, polystyrenes or PMMA, it is advisable to carry out compatibility tests beforehand.)
- compatible with elastomers
- wide operating temperature range
- very good electrical properties
- very high resistance to ageing and does not resinify
- protects against corrosion
- silicone-free

TECHNICAL DATA

Colour	: yellow		
Basis	: synthetic oil		
Density at 20 °C	: 0.97	g/cm ³	DIN 51 757
Pour point	: -50	°C	DIN ISO 3016
Flash point	: 240	°C	DIN ISO 2592
Viscosity			DIN 51 562
at -40 °C	: max. 24000	mm ² /s	
at +20 °C	: 120	mm ² /s	
at +100 °C	: 10.4	mm ² /s	
Viscosity index	: 200		DIN ISO 2909
Evaporation loss	: 3.8	wt %	DIN 51 581
Water content	: 0.10	wt %	DIN ISO 3733
Neutralisation number	: 0.15	mg KOH/g	DIN 51 809
Copper corrosion	: 0 - 1		
Specific electrical resistance at 20 °C	: 3.5 • 10 ¹⁰	Ohm • cm	

APPLICATION

LM 300 Contact Oil is used for lubricating and treating mechanical and electrical components in switches. One special area of application is micro-switches, switches with low contact pressures, plugs and connector strips. The product has

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good electrical properties and is very stable to ageing. It suppresses arcing and reduces wear even if the lubrication problems are purely mechanical.

INSTRUCTIONS

Before treating with LM 300 Contact Oil, the contact surfaces must be clean and free from residues such as lubricants, dirt and moisture. Apply the product as a thin, uniform layer (by immersion, paint brush or spray). Suitable thinners: isopropanol and white spirit.

AVAILABLE PACK SIZE

LM 300 Contact Oil

1 l can

Part no. 3228

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