

## LM 301 A Contact-Oil

### Description

Fully synthetic contact oil based on polyalkylene glycol. Impressive thanks to a wide operating temperature range, good electrical properties, good resistance to aging, high corrosion protection and good compatibility with plastics. Suppresses sparks and reduces wear. Free of silicones.

### Properties

- excellent penetration action
- compatible with plastics
- good lubrication at high load
- wide operating temperature range
- silicone-free
- good electronic properties
- good corrosion protection
- high resistance to aging

### Technical data

Color / appearance	gelb
Base	Syntheseöl
Viscosity at 40 °C	224 mm <sup>2</sup> /s nach Abdampfung
Viscosity at 100 °C	37,8 mm <sup>2</sup> /s nach Abdampfung
Viscosity at -20 °C	30000 mm <sup>2</sup> /s nach Abdampfung
Density at 20 °C	0,993 g/cm <sup>3</sup> DIN 51757
Viscosity index	221 DIN ISO 2909
Pour point	-29 °C DIN ISO 3016
Flash point	183 °C DIN ISO 2592
Evaporation loss	9,0 Gew.-% DIN 51 581
Neutralization number	0,04 mg KOH/g DIN 51 809
Water content	< 0,25 mg KOH/g DIN ISO 3733
Specific electrical volume resistance at 20 °C	3,8 • 10 <sup>10</sup> Ω · cm

### Areas of application

For the lubrication and care of mechanical and electrical parts in switches. Specifically for micro-switches, switches with low contact pressures, plugs and connector strips. Not suitable for silver contacts.



**Note:** Check plastics which are highly susceptible to stress cracking such as polycarbonates, polystyrenes or PMMA for compatibility before using.

### Application

Before treating, the contact surfaces should be clean and free from residues such as lubricants, dirt and moisture. Spray on a thin uniform coat.

### Available pack sizes

150 ml Can sheet metal	3236
	D-GB-E-F-NL

**Our information is based on thorough research and may be considered reliable, although not legally binding.**