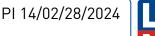
# **Product information**

# LM 301 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**

- 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 yellow
Base synthetic oil
Viscosity at 40 °C 212 mm²/s
Viscosity at 100 °C 36 mm²/s
Viscosity index 222

222 DIN ISO 2909

Density at 20 °C 0,99 g/cm<sup>3</sup>

0,99 g/cm<sup>3</sup> DIN 51 757

Pour point -29 °C

**DIN ISO 3016** 

Flash point 183 °C

DIN ISO 2592

Evaporation loss 9 Gew.-%

DIN 51 581

Water content < 0,25 mg KOH/g

DIN ISO 3733

Neutralization number 0,04 mg KOH/g

DIN 51 809

Specific electrical volume

resistance at 20 °C

3,8 \* 10^10 Ω · cm

Odor characteristic

Form liquid

#### Areas of application

For the lubrication and care of mechanical and electrical parts in switches. Specifically for microswitches, switches with low contact pressures, connectors and connector strips.

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

### **Application**

Before application, the contact surfaces should be clean and free from residues such as lubricants, dirt and moisture. Apply a thin uniform coat by immersion, brushing or spraying. Suitable thinners: Isopropanol and white spirit.

### Available pack sizes

1 l Can sheet metal 3229

D-GB-E-F-NL

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