

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 ² /s nach Abdampfung
Viscosity at 100 °C	37,8 mm ² /s nach Abdampfung
Viscosity at -20 °C	30000 mm ² /s nach Abdampfung
Density at 20 °C	0,993 g/cm ³ DIN 51757
Viscosity index	221 DIN ISO 2909
Pour point	-29 °C DIN ISO 3016
Evaporation loss	9 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 ¹⁰ 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, 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. Spray on a thin uniform coat.

Available pack sizes

150 ml Can aerosol 3236
D-GB-E-F-NL

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