

LM 376 Contact-Oil

Description

Fully synthetic contact oil. Impressive thanks to good electrical properties, good resistance to aging and very good compatibility with plastics. Does not resinify. Suppresses sparks and reduces wear, even with purely mechanical lubrication problems. Reduces the risk of current leakage due to its extremely low tendency to carbonize.

Properties

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

Technical data

Color / appearance	blue
Base	synthetic oil
Viscosity at 40 °C	49,5 mm ² /s
Viscosity at 100 °C	7 mm ² /s
Viscosity index	145
Pour point	-53 °C DIN ISO 3016
Flash point	201 °C DIN ISO 2592
Evaporation loss (Noack)	2,1 Gew.-% DIN ISO 2909
Water content	40 ppm $\Omega \cdot \text{cm}$ DIN 51 581
Neutralization number	0,03 mg KOH/g DIN 51 777 T 1
Copper corrosion	0-1 DIN 51 809
Specific electrical volume resistance at 20 °C	1,6 · 10 ⁹ $\Omega \cdot \text{cm}$
Odor	characteristic
Form	liquid

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. Compatible with ACM, HNBR, FKM/FPM and ABS.

Application

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

Available pack sizes

1 l Can sheet metal 3157
D-GB-E-F-NL

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