Synthetic lubricant for electrical contacts

KONTAKT CHEMIE Kontakt Gold 2000

Description:

Synthetic polyphenyl ether, long-life and temperature-resistant lubricant

General properties and applications:

KONTAKT CHEMIE Kontakt Gold 2000 is a long-lasting and temperature-resistant lubricant. The synthetic oil forms extremely thin layers with minimum influence on the contact resistance of electrical contacts. The lubricant has proved to be particularly effective for contacts with surface coatings of soft metals, e.g. gold, silver, tin. The corrosion-inhibiting effect of noble-metal coatings is improved considerably because they are no longer scratched by mechanical loads and vibrations.

Technical data

Properties in condition as-supplied			
Density	Aerosol	FEA 605	0,77 g/cm³
	Bulk	ASTM D 891	0,758 g/cm³
Flash point	Aerosol	ASTM D 56	< 0°C
	Bulk		< 0°C
Properties of the active product			
Flash point		ASTM D 56	Ca. 280°C
Density		DIN D 891	1,20 cm³
Viscosity at 27°C		ASTM 2989	1000 mm²/s
38°C			363 mm²/s
99°C			13,1 mm²/s
204°C			2,1 mm²/s
Pour point		ASTM D 97	5°C
Vapour pressure			0,01 mbar
Prolonged temperature resistance			Up to 200°c

Application instructions:

KONTAKT CHEMIE Kontakt Gold 2000 is sprayed thinly on to the contact surface. The bulk product can also be applied with a soft brush, cotton swab or a suitable dispensing unit.

Dirty or corroded contacts must be cleaned before being treated. The products Kontakt 60 and Kontakt WL from KONTAKT CHEMIE are suitable for this purpose. Further information can be obtained from the relevant technical specifications.

KONTAKT CHEMIE Kontakt Gold 2000 contains flammable solvents. Tools and equipment must be suitable for use with flammable liquids. The product must not be sprayed into energised electrical equipment. Before the equipment is started up again, the solvent must be evaporated completely. Further information on safety can be obtained from the safety datasheet.

Available :

aerosol :   200 ml
bulk :   1 l

These values are not intended to be used as specifications. They are based on what we believe reliable. However it is the user's responsibility to determine the suitability.