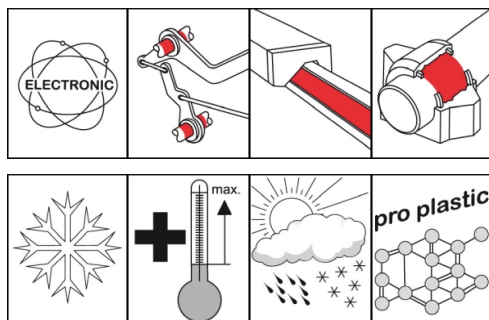


OKS VP980

Lubricant for electrical contacts



Description

Lubricant for lubricating electrical contacts in energy technology.

Applications

- Lubrication of electrical sliding contacts from the material pairs Cu/Cu, Cu/Ag or plastic/plastic within a wide temperature range
- Damping grease for automobile switches, at grease-lubricated small gears, at load circuit-breakers in medium-voltage systems
- Contact and wear protection for load circuit breakers in medium-voltage systems, especially under the influence of extinguishing gas SF6
- Lubrication of precision-mechanical precision devices
- Lubrication of small gears at very low or very high temperatures

Advantages and benefits

- Good media resistance
- Good resistance to water vapour as well as hot and cold water
- Noise-damping
- Resistant to ageing and oxidation
- Good wear protection
- Wide operating temperature range
- Reduction of high oxide and sulphide layers on electrical sliding contacts

Branches

- Paper and packaging industry
- Rail vehicle technology
- Glass and foundry industry
- Plant and machine (tool) engineering
- Municipal services
- Chemical industry
- Shipbuilding and marine technology
- Iron and steel industry
- Logistics
- Rubber and plastic processing

Application tips

For highest effectiveness, carefully clean the lubrication point, for example with OKS 2621 contact cleaner. Apply evenly and thinly to the functional surfaces with a brush or spatula. Avoid excesses. Observe the machine manufacturer's instructions. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

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Packaging

- 25 kg Hobbock

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				polyalphaolefine
thickener				polycarbamide
Application related technical data				
marking	DIN 51 502	DIN 51 825		MHC2P-50
viscosity at (40°C)	DIN 51 562-1	base oil	mm ² /s	32
viscosity at (100°C)	DIN 51 562-1	base oil	mm ² /s	6
flashing point	DIN ISO 2592	> 79	°C	> 200
drop point	IP 396		°C	> 240
consistency	DIN 51 818		NLGI grade	2
worked penetration	DIN ISO 2137	60DH	0.1 mm	265-295
lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-50
upper operating temperature			°C	160
colour				beige
density (at 20°C)			g/cm ³	0.9
water resistance	DIN 51 807	90°C	Degree	0-90
SKF-EMCOR Copper	DIN 51 811	24h, 100°C	corr. degree	1

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47

82216 Maisach

+49 8142 3051 - 500

info@oks-germany.com

www.oks-germany.com

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