

KONTAKT 60

Oxides don't stand a chance.

1. GENERAL DESCRIPTION

Cleaning agent for electrical contacts, with special additives for the dissolving of corrosion products.

2. FEATURES

- KONTAKT CHEMIE Kontakt 60 is a contact cleaning oil which can be used to restore corroded electrical contacts.,
- it can be dispensed economically and accurately with special spray tube.
- In addition to the corrosion-dissolving components, the spray contains a solvent mixture which also removes greasy or resinous residues. Problems with electrical contacts are caused in fact not just by corrosion but also by polluting gases which form coatings of low electrical conductivity on the contact surfaces ("polymers").
- KONTAKT CHEMIE Kontakt 60 is also supplied as a concentrate. The concentrate is normally diluted with KONTAKT CHEMIE Kontakt WL and then has comparable properties with the aerosol. See also the special application instructions on page 2.

3. APPLICATIONS

- Ensures clean results wherever electrical contacts need to be cleaned.
- Removes oxides from all kinds of metal contacts in electronics, automotive and industrial applications. Commonly used on: Switches, Plug and socket connectors , Sockets of integrated circuits, Fuses, Lamp sockets, Slide contacts,...

4. DIRECTIONS

The easiest way to apply KONTAKT CHEMIE Kontakt 60 is to use the aerosol. A few droplets for each pair of contacts is generally sufficient.

The cleaning and oxide-dissolving action can be improved by mechanical support. If switching or connector contacts are readily accessible, they can be carefully wiped, for example, using cellulose, leather or cotton swabs.

If it is impossible to provide mechanical support, allow KONTAKT CHEMIE Kontakt 60 some 10 to 15 minutes to penetrate. Dissolved dirt and corrosion products must then be rinsed off with KONTAKT CHEMIE Kontakt WL. After that, KONTAKT CHEMIE Kontakt 61 is applied as a protective film.

KONTAKT CHEMIE Kontakt 60 works in many cases even without after-treatment. However this increases the risk that corrosion damage will appear again after a short time. Contacts of fairly large plug connectors and robust relays can also be sprayed with KONTAKT CHEMIE Kontakt 40 to give them protection from corrosion. If you are certain that a contact is malfunctioning only because of contamination, resinification etc. and not due to corrosion, KONTAKT CHEMIE 61 can also be used directly without further pre-treatment. When very large quantities of KONTAKT CHEMIE Kontakt 60 are being consumed, the use of the concentrate may be economic. It is diluted in accordance with the instructions. When Kontakt 60 is used in serial production, plastics compatibility should be tested. Particular attention should be paid to plastics susceptible to stress-cracking (e.g. polycarbonate and polystyrene) and parts subjected to heavy mechanical loads. Diluted solutions of KONTAKT CHEMIE Kontakt 60 and the aerosol spray contain flammable solvents. Therefore the liquids must not be sprayed onto energised equipment. The solvent must be completely evaporated before the equipment is started up again. A period of at least 15 minutes is to be allowed for this. Local conditions may require a longer drying time, particularly when there is an insufficient flow of fresh air to the places being treated. Further information on safety can be found in the safety datasheet.

Optimum contact cleaning in 3 phases

Phase 1: Kontakt 60 dissolves corrosion layers and thereby restores metallic contact. Without phases 2 and 3 it is possible for corrosion to occur again after a certain period of time. This depends on the material and the ambient conditions.

Phase 2: Kontakt WL washes away dissolved corrosion products, grease and dirt.

Phase 3: Kontakt 61 forms a thin protective film which inhibits corrosion and wear.

5. TYPICAL PRODUCT DATA

Aerosol

Flash point	ASTM D 56	:	< 0 °C
Density at 20°C	FEA 605	:	0,774 g/cm ³
Colour		:	Red transparent

Concentrate

Flash point	ASTM D56	:	Circa 200 °C
Density at 20°C	ASTM D891	:	0,83 g/cm ³
Colour		:	Red transparent
Temperature Range		:	up to 80 °C
Thinning Ratio		:	1 Volume Part / 7 Volume Parts Kontakt 60 Concentrate / Kontakt WL

TECHNICAL DATA SHEET 3/3

KONTAKT 60

6. APPROVALS:

NATO stock number : 6850-12-140-3781

7. PACKAGING

Aerosol : 100 ml
200 ml
400 ml
bulk : 5L

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

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We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

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