



THE UNIVERSAL GREASES WITH HIGH ELECTRICAL CONDUCTIVITY (UHCG) FOR DISMOUNTABLE AND DETACHABLE ELECTRICAL CONTACT CONNECTIONS

OPERATING, ACCIDENT PREVENTION AND STORAGE INSTRUCTIONS.

PREPARATIONS FOR THE ASSEMBLY WORKS

Smooth out the working surfaces of the contacting details to the metallic luster. Smooth out the aluminum contacts with wire-brush or sand paper. Do not apply petroleum jelly or organic solvents. Remove the abrasive dust. Open a can of grease, check the consistency. The mineral oil on the surface must be present. Stir to obtain homogeneous consistency. If there is the separation or excessive thickening - warm the can up to about 60°C and mix until smooth. If necessary, add 10-20 grammes of waterless oil type SAE10W40 (for transformers or equivalent). After this, the grease completely restores its physical and electrical properties, guaranteed by the manufacturer.

INSTALLATION

Apply UHCG evenly, about 1 mm thick on one of the surface of contacting details. Thickness of more than 1 mm does not affect the operational properties of the electrical contact. Join the contacting details so the UHCG will remain in between the contacts. During contact tightening the surplus of UHCG is squeezing out to the periphery and is not participating in the current conducting, but forming a reliable protection against corrosion and penetrating moisture, dust, corrosive aerosols etc. into the working area of the electric contact. Assemble the contact according to all applicable to this type of electric contact rules.

Tighten the bolted connection.

OPERATION

After starting the electrical contacts to work when constant operating temperature is established, it is recommended to check and, if necessary, tighten bolts. During the operation, in case of peak thermal overloads, after each emergency electrical contact overheating it is also recommended to check and, if necessary, tighten bolts.

In the event of thermal overload, reassembling the contact details, printed with UHCG, doesn't required.

DISASSEMBLY AND PLANNED REPAIR OF ELECTRICAL CONTACTS WITH UHCG GREASE

During scheduled inspection or repair remove grease or formed metal gasket with any organic solvent. Clean contact details up to metallic shine appearing. Further, the electrical contact can be operated as using UHCG and without it. Electrical contacts reassembling with the remnants of grease after their previous operation is not recommended.

SAFETY

Conductive grease UHCG is nontoxic, explosion safe, fire safe and does not irritate the skin.

Skin contact - wash with soap and plenty of water for at least 10 minutes, rinse with running water.

It's recommended to use protective cloth gloves to carry out work with UHCG grease.

Eye contact - holding the eyelids open, quickly rinse with plenty of water.

When food poisoning - rinse your mouth full, with lots of water and take water inside. Get medical attention. Nontoxic. Induce vomiting if a large amount is swallowed.

Use a respirator and wash your hands before eating. Inhalation - in case of inhalation of hot material lead the person to a fresh air.

STORAGE

Subject to the requirements, the UHCG greases shelf life is unlimited, but it is recommended grease to be used within 6 years from the date of manufacture. Store in original manufacturer's packaging, in a cool, dry place. Avoid getting moisture in container.