

Specifications for Conducto-Lube #240-200

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- Used on moving parts to provide lubrication & reduce joint resistance.
- Contains no mercury, graphite or cyanide.
- No voltage limits.
- Not soluble in water, however it will gradually wear off if exposed to water for long periods of time.
- Does not change conductivity, but will conduct electricity.
- Resistance does not change appreciably with temperature.
- Temperature range: -25° to 410° F (-31° to 260° C)
- Specific gravity 7.5

<u>INGREDIENTS:</u>	<u>%</u>	<u>TLV</u>	<u>PEL</u>	<u>UNITS</u>
SILVER (CAS #7440-22-4)	65-75%	0.1	0.01	MG/M3
MINERAL OIL (CAS #8012-95-1)	25-35%	5	5	MG/M3

Thermal Conductivity @ 38° C 0.450 watts/m°K (test method PLTL-73)

Conductivity Rating 65

Average Contact Resistances over test range of 50-300 amps:

Micro-Ohms

Contacts: 39

Hinges: 29

Switches: 68

Evaporation rate: Nil if applied according to instructions

Oil separation: None under use

Shelf life: Indefinite. Massage (or stir) if separation occurs

Viscosity (of Base Oil): SSU at 100°F = 415-425

210°F = 59.3

Pour 25° F

Viscosity Index: 95

Boiling Point: 300° F

Flash point: 410°F

Vapor pressure: Less than 0.1

Conducto-Lube eliminates the possibility of switches freezing under heavy usage. Conducto-Lube is successful in reducing resistance in hinge joint and knife blade switches due to arcing because the solids in the lubricant eventually imbed themselves into the minute imperfections of the contact surface resulting in an extremely smooth surface.

The silver used has particles that are 3-4 microns in size.

8 ounces of Conducto-Lube will cover 3840 square inches (25 sq. ft.)

