

Contact Cleaner Lubricant

Product Code: EML

PRODUCT DESCRIPTION

A solvent / lubricant blend designed to remove surface contamination and oxidation from all metallic contact surfaces. Reduces electrical resistance across the switch or connector by increasing the surface area of the contact. Ensures long term protection from corrosion and arcing by depositing a fine film of Electrolube (2X Oil) Contact Lubricant.

Available in a variety of packaging to ensure suitability and ease of use. 100% Ozone Friendly aerosol version available.

PRODUCT USE

Primarily for slider / rotary tuners, potentiometers, for friction, ball or roller wiping contacts, slip rings, brushes and commutators. Can also be used in rocker/push-pull switches, edge connectors, plugs and sockets, valve pins, bulb holders, switch gear, locks, hinges and general electro-mechanical uses.

FEATURES

- * An excellent electrical contact lubricant, electrical contact setting, and smooth mechanical setting selection and performance
- * Reduces contact resistance to a low stable level without altering frequency through the components designed variable setting range
- * Non-silicone, synthetic lubricant, eliminating problems caused by carbon deposits and silicone migration
- * Clear, non-staining, anti-static
- * Conveniently packed in aerosol with extension tube for inaccessible areas
- * Compatible with most plastics, paints and rubbers
- * Prevents capacitance, resistance and frequency deviations, erratic high and low setting spots, sparking and tracking
- * Rapid solvent evaporation ensures swift return to normal operation

TECHNICAL
DATA
SHEET



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TYPICAL PROPERTIES

Contact Lubricant (after evaporation of solvent)

Colour:	Clear Pale Straw
Temperature Range:	-40°C to +130°C
Specific Gravity @ 20°C:	Bulk 0.995 EML200F 0.665
Viscosity @ 20°C (cSt):	640
Flash Point (Solvent):	EML200F -48°C Bulk >210°C
Pour Point:	-37°C (oil)
Neutralisation Value (mg KOH/g):	0.1
Copper Strip corrosion test: (IP.112/56 method) @ 20°C	Nil
Water Percent:	< 0.25
Surface Tension @ 20°C: (dynes/cm)	35.0
Drop Point:	N/A
Ash percent:	< 0.01
Evaporation weight loss %: @ 100°C, 72 hours (IP.183-63 method)	6.2

PACKAGING

200ml Aerosol (100% Ozone Friendly, Flammable)
400ml Aerosol (100% Ozone Friendly, Flammable)
5 ml Pen
5 Litre Bulk

ORDER CODE

EML200F
EML400D
EML05P
EML05L

WARNING

EML200F and ELM400D contains flammable solvents in order to remove CFC content. It should not be sprayed onto live contacts or other sources of ignition.

NATO Stock No: 6850-99-244-6886

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