

Electro-Plating Compound

Product Code: EPC

PRODUCT DESCRIPTION

Electro-Plating Compound has been specially developed by Electrolube for use on electro-plating and anodising plant. Application on to metal interfaces reduces resistance and energy consumed. It also inhibits against corrosion.

PRODUCT USE

To prevent corrosion and contamination and improve electrical contact on anode and cathode bars, pick-up shoes, rack contacts, busbar joints etc. It is also formulated to assist in the removal of tarnish and corrosion.

FEATURES

- * Saves power - EPC actually assists in reducing voltage drop at connections, thereby ensuring that the maximum plating current flows for any applied voltage.
- * Improves plating quality - reduction of voltage drop assists stability of contact resistance at all points, giving a constant plating current and current density, all of which assists with the quality of the final plating.
- * Reduces maintenance costs - by the inhibition of corrosion on contact surfaces and thus reducing the number of times cleaning needs to take place, as well as the actual cleaning time.
- * Stabilises contact resistance - EPC is not absorbed by plating solutions, whereas ordinary mineral oil based grease can be. This is particularly relevant when used for hard chrome when very costly damage can be caused to the electrolyte. Also, ordinary greases will rapidly deteriorate in a plating shop and leave an insulating layer on the contacts which does not occur when EPC is used.
- * Seals busbar joints - thus preventing corrosion and bad contact, resulting in improved plant reliability and productivity.

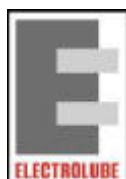
TYPICAL PROPERTIES

Colour:	Red
Specific Gravity:	0.98
Temperature Range (°C):	-50 to +250

TECHNICAL
DATA
SHEET

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Copper Strip Corrosion: (IP112/56 method) @ 150°C	Nil
Consistency:	Non-melting grease
Evaporation weight loss: 72 hours @ 100°C (IP183-63 method)	0.9%
Flash Point (Closed Cup, °C):	242
Penetration (worked)	300-350

DIRECTIONS FOR USE

1) **Initial Application**

All points of an electrical contact should first be cleaned in the normal way to remove the worst of the corrosion. Electrolube 100% Ozone Friendly Ultrasolve (Code ULS) is very suitable for this purpose. The surfaces should be abraded and EPC rubbed well in until all the tarnish and corrosion products have been loosened. The contaminated EPC should be wiped off and followed immediately by a clean coat of EPC.

2) **Routine Maintenance**

Clean the contact surface, connections or busbars with an abrasive pad and wipe off all contamination and EPC. Immediately re-apply EPC. In cases of severe corrosion, or when regular maintenance has not been carried out, it may be necessary to carry out the 'initial application' procedure, as above.

PACKAGING

1 Kg Bulk

ORDER CODE

EPC 01K

Cleaning Solvents

Ultrasolve 100% Ozone Friendly - flammable

200ml Aerosol	ULS200D
400ml Aerosol	ULS400D
1 Litre bulk	ULS01L
5 litre bulk	ULS05L
25 litre bulk	ULS25L

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