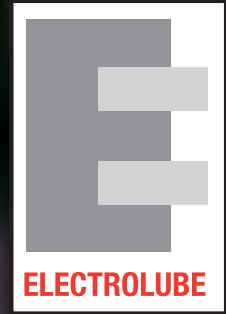
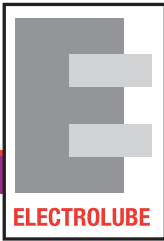




Clean, Protect, Lubricate



Maintenance & Service Aids



## Maintenance & Service Aids

**Electrolube** manufactures a wide range of products for use in manufacturing, whether by OEMs or subcontractors, in convenient packaging. Developed over many years to complement the original products, these are ideal for use in maintenance and servicing.

**They include aerosols, pump sprays, syringes, tubes, pens, sachets and small tins.**

As part of this range Electrolube has Airduster and Freezer aerosols offering a simple and cost-effective solution to common problems found in the electronics industry.

Airdusters remove dust and dirt from, for example, the heads of disc drives, inaccessible assemblies, photographic equipment and will blast off water and other solvents after cleaning.

Freezer rapidly cools components to well below  $-50^{\circ}\text{C}$ . This enables the extremely fast identification of faulty components. The alternative method of testing each component for integrity is extremely labour intensive. Electrolube Minimal Charging Freezer has been specially formulated to ensure that it induces the minimum level of charge possible, making it safe to be used on static sensitive components.

The maintenance range includes products for hard surface cleaning, together with cyanoacrylate adhesives, tamper evident seals, contact cleaner lubricants and many other products vital to the field service engineer. Whether he is repairing a photocopier or a PCB, Electrolube can provide a total solution for the mobile engineer.



Syringes  
Pump Sprays  
Tubes  
Aerosols  
Wipes



Pens  
Airduster  
Freezer  
Cleaners  
Coatings  
Greases



Oils  
Thermal Grease  
Resins  
Paints  
Galvanising Sprays

## Industrial Maintenance

Electrolube Industrial Maintenance Range includes a selection of **high quality paints, galvanising sprays, mechanical lubricants, special plastic grease, silicone oils and graffiti removers.** It offers problem solving products for mobile mechanics and service engineers.



## Cleaners

### AFC – Anti-static Foam Cleaner

- Protects against static build-up
- Biodegradable
- Safe on all plastics
- Non-flammable
- Apply and wipe with Engineers Cleaning Wipes (ECW025)

### ASA – Anti-static Spray

- Powerful non-foaming cleaner which also prevents static build-up
- Long term effect
- Non-flammable
- Suitable for use on screens and bench tops
- Also suitable for use on fabrics

### CTC – Carterclene

- Heavy duty anti-static foaming cleaner that removes ingrained dirt and grime
- Gives long lasting anti-static properties on glass, plastic and other synthetic materials
- Shake well before use, apply and wipe with ECW025

### EML – Contact Cleaner Lubricant

- Cleans and lubricates switches and connectors
- Removes dirt and protects from further contamination
- Reduces contact resistance
- Improves conductivity
- Commonly known as switch cleaner

## Airduster

### EAD/EADI – Airduster

- Inert, pure compressed gas for dust removal
- Available in standard and invertible versions
- Ideal for removing particulates from inaccessible areas on delicate equipment
- Non-flammable

### EADP/EADPI – Airduster Plus

- Ultra high power airduster
- EADPI Available in standard and invertible versions
- High pressure blast for removing stubborn particulates
- Inert, pure compressed gas
- Non-flammable
- Use in short, sharp bursts to avoid can frosting

### GDP – High Powered Airduster

- High powered airduster with powerful initial blast and minimal drop off
- Non-flammable, pure compressed gas
- Use to remove dust and dirt from delicate and inaccessible areas
- Use in short, sharp bursts to avoid can frosting

## Freezer

### FRE – Freezer

- Standard freezer for non-sensitive, electronic fault finding
- Can aid mechanical shrink fitting
- Non-flammable, cools down to -55°C
- Prevents damage to components during soldering

### MCF – Minimal Charging Freezer

- Unique additive minimises static build up whilst still allowing frost formation
- Fast fault finding in electronics
- Suitable for static sensitive devices
- Protection from overheating
- Cools to -55°C

Clean, Protect, Lubricate





## Lubricant

### ACL – Adhesive Chain Lubricant

- Highly tenacious
- Excellent resistance to water and high temperatures
- Good mechanical stability
- Good penetration at low temperatures

### AGC – Copper Anti-seize Fluid

- Provides anti-seize and anti-corrosion protection
- Ideal for use on threaded components
- High copper content provides effective lubrication
- Highly water resistant
- Effective at high temperatures

### DGT – Penetrating Fluid

- Penetrates and lubricates mechanical parts
- Produces a highly water resistant film, providing long term corrosion protection
- Loosens seized assemblies and prevents friction noise
- Ideal for breakdown and maintenance services

### HDC – Cutting Fluid

- Industrial grade metal cutting oil
- Powerful lubricant suitable for ferrous metals, stainless and heat resistant steels
- Allows high speed punching
- Extends tool life

### CMO – Clear Mechanical Oil

- Clear lubricant with excellent mechanical properties
- Outstanding penetration characteristics
- Water resistant
- Contains Molybdenum Disulphide

### DFL – Dry Film Lubricant

- High purity PTFE based lubricant
- Operating temperature range of -200°C to +280°C
- Water repellent with a low co-efficient of friction
- May be used where silicones or mineral oils are unsuitable
- Can be used as a cold mould release

### EPE – Permagard

- De-watering and penetrating fluid
- Excellent lubricating properties
- Loosens seized metal parts
- Protects against rust and corrosion

### OSL – Silicone Oil

- High quality, multi purpose mechanical lubricant
- Silicone spray with excellent water repellency
- Long term lubrication for line printers, keyboards, platens, bearings, etc.
- May also be used as a mould release agent

## Graffiti Remover

### GRG – Graffiti Remover Gel

- High viscosity gelled product – clings to vertical surfaces
- Low odour, low volatility – longer contact time
- Removes graffiti from porous and non-porous surfaces e.g. wood, brick, vinyl
- Harmless to most plastics and metals
- Effective and economical in use

### GRS – Graffiti Remover for Sensitive Surfaces

- Removes graffiti from porous and semi-porous surfaces, e.g. vinyl and laminates
- Pleasant light odour
- Contains non-chlorinated solvents
- Compatible with most plastics and metals



## Grease

### HTG – High Temperature Grease

- High quality mechanical grease for lubrication and protection
- Wide temperature range of -20°C to +200°C (does not harden at high temperature)
- Fortified with anti-wear and anti-oxidant additives
- Water resistant

### MPG – Multi-purpose Grease

- General purpose grease in a tube for use in mechanical and electrical applications
- Wide temperature range of -20°C to +200°C
- Safe on most thermoplastics
- Good lubricating and thermal properties

### SCO – Silicone Grease Compound

- High quality, multi-purpose electrical insulating compound
- Excellent water and moisture repellency
- Chemically inert, odourless and non-toxic
- Excellent resistance to tracking and corona discharge

### SPG – Special Plastics Grease

- Excellent plastics compatibility
- Offers outstanding low temperature performance
- Efficient mechanical lubricant for plastic/plastic or plastic/metal friction
- Ideal to reduce wear in timers, plastic cogs and gears etc.

## Paints

### PGB/PGM – Galvanising Spray

- Cold galvanisation paint for metal surfaces
- Protects against oxidation and corrosion
- Very fast drying with excellent adhesion properties
- May be used as a primer for fixing lacquers
- Available in gloss and matt finishes

### PNM/PAM – High Temperature Paints

- Heat resistant paints suitable for objects exposed to temperatures of up to 650°C
- Excellent coverage and flow characteristics
- Rapid drying to a very tough finish
- Good adhesion and anti-corrosion properties
- Available in aluminium grey and matt black

### PWB / PVB / PBB / PJB / PRB / PNB – High Gloss Paints

- Quick drying, high quality, universal spray paints with excellent coverage and hardness
- Suitable for use in manufacturing, repair, workshop and home
- Colours, White, Blue, Yellow, Black, Red, Green

### DTP – Paint Stripper

- Extremely powerful paint and varnish remover
- Can be used for removing graffiti
- Suitable for removing varnishes on wood
- May be removed simply by brushing
- Not to be used on plastics

## Adhesive

### CYL – Cyanolube

- Fast curing cyanoacrylate adhesive which dries in 1-5 seconds
- Tear strength 25-30N/mm
- Bonds most common substrates
- Adheres well to most plastics without leaving a white 'bloom'

Clean, Protect, Lubricate





## Other Areas

### BLV/R – Bloc'lube

- Tamper evident seal for potentiometers etc
- Green or red
- Supplied with integral brush

### DB1003/DB2003 – Desolder Braid

- Fast, effective wicking when removing components
- Utilises no-clean flux
- Economic 3m length
- Available in two widths – 1.25mm and 2.00mm

### LRM – Label Remover

- Paper label remover
- Suitable for EPROMS, also useful around the office
- Aerosol with brush enables mechanical scrubbing action to aid removal
- Handy pen version available
- Harmless to most plastics

### NSC – Nickel Screening Compound

- Efficient EMI/RFI screening coating with excellent attenuation levels
- Enhanced adhesion to wide variety of substrates
- Provides even coating with superior scratch resistance
- Fast drying at room temperature
- Prevents static build-up

### SCP – Silver Conductive Paint

- Highly conductive silver loaded paint
- Ideal for track repair and pinpoint shielding
- Fast drying
- Excellent adhesion to most substrates

### RRR – Rubber Roller Restorer

- Restores textures to rubber rollers in office equipment
- Prolongs the lifetime of rubber rollers, preventing costly replacement
- Supplied in pump spray
- Leaves no residue
- Dissolves ink, oil, grease and will remove general office dirt

### DAS – Silicone Mould Release

- Colourless silicone lubricant
- Water repellent surface treatment
- Ideal for all mould release applications
- Very good thermal stability
- Reduces surface friction

### DDF – Leak Detector

- Allows immediate detection of air and gas leaks from all types of pipework and vessels
- Non-flammable and safe to use
- Water-based
- Contains anti-corrosion agents to ensure that substrates are not affected

### MPU – Polyurethane Foam

- One-part ready to use self-expanding PU foam
- Cures quickly to form a tough, waterproof layer
- Excellent for filling and sealing spaces around cables, window frames, pipe ducts, etc.
- Provides good thermal and acoustic insulation

### PBS – Anti-spatter Spray

- Prevents adhesion of weld spatter
- Suitable for protecting nozzles, weld units and tools
- Non-flammable and silicone free
- Very fast drying



Clean, Protect, Lubricate

# Product Size Chart



## Maintenance & Service Aids

Product Code	Each	Pen Pack	2ml Syringe	3g Bottle	5g	10g	15ml	20g	26g	35ml	50g	50ml	100g	150ml	200ml	200ml (brush)	250ml	400ml	500ml	600ml	900g	1 Litre	1kg	5 Litre	10kg	12.5kg	20kg	30 Litre	52kg	200 Litre	
ACL																															
AFC																															
AGC																															
APB																															
ASA																															
ASP																															
BLR																															
BLV																															
CMO																															
CTC																															
CTCP																															
CYL																															
DAS																															
DB1																															
DB2																															
DDF																															
DEI																															
DFL																															
DGT																															
DTP																															
EAD																															
EADI																															
EADP																															
EADPI																															
EML																															
EMPL																															
EPE																															
FRE																															
FSL																															
GDP																															
GRG																															
GRS																															
HDC																															
HTG																															
LRM																															
MBP																															
MCF																															
MPG																															
MPU																															
NSC																															
OSL																															
PAM																															
PBB																															
PBS																															
PGB																															
PGM																															
PGO																															
PJB																															
PNB																															
PNM																															
PRB																															
PVB																															
PWB																															
RRR																															
SCO																															
SCP																															
SGL																															
SPG																															
TPC																															
TPG																															
TSB																															

# Clean, Protect, Lubricate



## Electrolube France

Le Pavé Neuf  
53, rue de L'Université  
93191 Noisy Le Grand Cedex  
France  
Tel: +33 (0)1 4815 4363  
Fax: +33 (0)1 4304 7525  
E-mail: [electrolube@hk-wentworth.fr](mailto:electrolube@hk-wentworth.fr)



## Electrolube Australia

Unit 3/98 Old Pittwater Road  
PO Box 339  
Brookvale  
NSW 2100  
Australia  
Tel: +61 (0) 2 9938 1566  
Fax: +61 (0) 2 9938 1467  
E-mail: [sales@hkwentworth.com.au](mailto:sales@hkwentworth.com.au)



## Electrolube Germany

Friedrich-Ebert-Str.6  
50996 Köln  
Germany  
Tel: +49 (0) 221 935535-0  
Fax: +49 (0) 221 935535-19  
E-mail: [el@hkwd.de](mailto:el@hkwd.de)



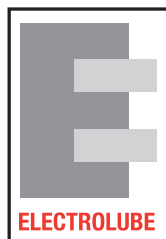
## Electrolube China

F10 Zhaolin Mansion  
No 15 Ronghua Middle Road  
Beijing 100176  
China  
Tel: +86 (10) 51078765  
Fax: +86 (10) 51078277  
E-mail: [infochina@hkw.com.cn](mailto:infochina@hkw.com.cn)



## Electrolube Brazil

Rua D. Pedro Henrique de  
Orleans e Bragança, 364  
Vila Jaguara  
CEP 05117-000  
São Paulo  
Brazil  
Tel: +55 (11) 3621-6800  
Fax: +55 (11) 3621-6800  
E-mail: [hkw@hkw.com.br](mailto:hkw@hkw.com.br)



International Headquarters

**Electrolube**  
Kingsbury Park  
Midland Road  
Swadlincote  
Derbyshire DE11 0AN  
United Kingdom  
Tel: +44 (0) 1283 222111  
Fax: +44 (0) 1283 550177  
[info@hkw.co.uk](mailto:info@hkw.co.uk)  
[www.electrolube.com](http://www.electrolube.com)

Distributor:

[www.electrolube.com](http://www.electrolube.com)