

CMO

Clear Mechanical Oil

DESCRIPTION

CMO has outstanding penetration characteristics, longevity and lubrication efficiency. It contains a clear colloidal suspension of molybdenum disulphide which enables it to be used even after the base oil has evaporated, continually providing exceptional anti-wear properties.

READ ENTIRE TECHNICAL BULLETIN BEFORE USING THIS PRODUCT

FEATURES AND BENEFITS

- Excellent mechanical lubricant that works at both high temperatures and extremes of pressure
- Protects against rust by providing a barrier against condensation and oxidation
- Highly tenacious film which will not drain away when moving parts come to rest
- Highly resistant to water washing, steam cleaning and ensures long term protective film

APPROVALS

Standard	Status
RoHS Compliant (2015/863/EU)	Yes

PRODUCT INFORMATION

For available packaging sizes please visit:

electrolube.com

PHYSICAL PROPERTIES

Category	Results
Typical Properties	
Color	Amber
Density (g/mL) Bulk Aerosol	0.87 0.77
Temperature Range (°C)	-40 to 280
Vapor Pressure 20 °C 20 °C for Aerosol Solvent	27 mPa 400 mmHg
Evaporation Weight Loss % 7 days @ 100 °C % 7 days @ 125 °C	12.2 12.9
Copper Strip Corrosion (IP154 / ISO 2160)	1b
Plastic Compatibility ABS PC	Test Test
Pour Point (ASTM D 97 (°C))	-12
Flash Point (COC ASTM D 92 (°C)) Bulk Aerosol	210 -48
4 Ball Wear (mm)	2.195
Weld Load (kgf)	160

TYPICAL PRODUCT APPLICATION

Electrical and Electronic Equipment: CMO provides extremely long term lubrication online printers, keyboards, bearings etc.

Factory and Workshop Maintenance: Interference fits, cutting oil for pipe threading, drilling and tapping, ventilators, lift gates, door locks and hinges, window pulleys and catches, corroded nuts and bolts are all rapidly freed and lubricated with CMO.

Home and Office: Typewriters, Dictaphones, filing cabinets, sewing machines, bicycles, toys and on any item that requires a light lubricating protective film of oil.

High Temperature: For use at High Temperatures, it is recommended that a reapplication program is initiated as required in order to achieve maximum efficiency.

ADDITIONAL INFORMATION

Shelf Life: 36 Months

SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available.**

CONTACT INFORMATION

To confirm this document is the most recent version, please contact

TechnicalSupportTeam@hkw.co.uk

www.electrolube.com

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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