

CMO Clear Mechanical Oil

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.

- 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 **RoHS Compliant (2015/863/EU):** **Yes**

Typical Properties

Colour	Amber
Density (g/ml)	0.87 (bulk) 0.77 (aerosol)
Temperature Range (°C)	-40 to 280
Vapour Pressure @ 20°C	27mPa
Vapour Pressure @ 20°C for aerosol solvent	400mmHg
Evaporation Weight Loss (% 7 days @ 100°C)	12.2
Evaporation Weight Loss (% 7 days @ 125°C)	12.9
Copper Strip Corrosion (IP154 / ISO 2160)	1B
Plastic Compatibility - ABS	Test
Plastic Compatibility - PC	Test
Pour Point (ASTM D 97 (°C))	-12
Flash Point (COC ASTM D 92 (°C))	210 (bulk) -48 (aerosol)
4 Ball Wear (mm)	2.195
Weld Load (kgf)	160

<u>Description</u>	<u>Packing</u>	<u>Order Code</u>	<u>Shelf Life</u>
Clear Mechanical Oil	12ml Pen - Packed in 5's 200ml Aerosol	CMO12P CMO200D	36 Months 36 Months

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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BS EN ISO 9001:2008
Certificate No. FM 32082

Typical Product Applications

Electrical and Electronic Equipment: CMO provides extremely long term lubrication on line 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.

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