



TECHNICAL DATA SHEET

ENGLISH

RS 251-3586 Clear Mechanical Oil

RS 251-3586 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-2 Compliant 2011/65/EU** **Yes**

Typical Properties

Colour	Amber
Density (g/ml)	0.87
Temperature Range (°C)	-40 to 280
Vapour Pressure @ 20°C	27mPa
Evaporation Weight Loss (% 7 days @ 100°C)	12.7
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
4 Ball Wear (mm)	2.195
Weld Load (kgf)	160

Packaging

12ml Pen - Packed in 5's

Order Code

RS 251-3586

Typical Product Applications

RS 251-3586 provides extremely long term lubrication on line printers, keyboards, bearings etc. 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 RS 251-3586.