

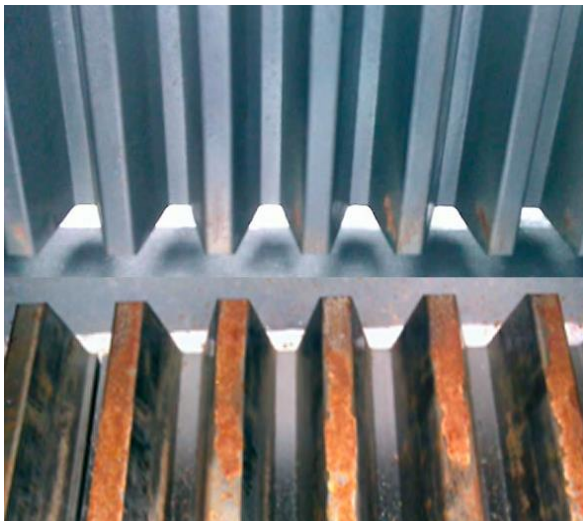
MRO 1009 – 123 DL Lubricant

PRODUCT DESCRIPTION

'MRO 1009 – 123 DL' is an air curing dry lubricant in aerosol with service temperature range of -180°C to +450°C.

BENEFITS

- Air drying
- Avoidance of stick-slip and fretting corrosion
- High aging resistance
- Provides clean dry film lubrication and does not accumulate dirt or abrasives
- Low coefficient of friction; high surface load and pressure withstanding capacity
- Protects surfaces from wear, galling and seizure
- Oils, grease and solvent resistant
- Offers surface protection from corrosion
- Lubricates under adverse operating environments such as in vacuum or near radiation
- Provides maintenance free permanent lubrication where oil or grease contamination cannot be tolerated
- Excellent lubricity and highly abrasion resistant



APPLICATIONS

- Suitable for the permanent lubrication of highly stressed sliding guides with low sliding speeds, oscillating movements or intermittent operation.
- Improving the running-in process and for lubrication under high vacuum and at extreme temperatures.
- For metal/metal combinations with slow to medium fast movements and high loads.
- Used successfully for cylinder-head bolts, toaster guides, car mirror adjustment mechanisms, high voltage switches, for the running-in of highly stressed gear wheel.
- Emergency lubricant for parts of the rotor head of wind energy installations and for groove-free cold extrusion of steel.

DIRECTIONS FOR USE

First clean and degrease the surface which will be coated with MRO 1009 – 123 DL. Phosphatization or sandblasting (180 grit) increases the adhesion and service life. Stir MRO 1009 – 123 DL thoroughly before applying by spraying or brushing. Recommended dry film thickness: 5 to 20µm.

CAUTION

Contains flammable solvents. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

AVAILABLE PACKAGING

500 ml Aerosol Can

SHELF LIFE

24 months from date of manufacture

MRO 1009 – 123 DL Lubricant

Technical Properties

PARAMETER	VALUE
Type	Solid lubricants and additives in inorganic binder and solvent
Appearance - as supplied	Thin liquid
- on curing	Dry paint type liquid
Colour	Gray black
Odour	Mild solvent
Solvent type	Non chlorinated
Density, g/cc	1.0 -1.1
Service temperature range, °C	-180 to +450 (up to +630 in areas with restricted air access)
Curing period	Air dries to touch in 1 minute at room temperature and completely in 5 minutes
Recommended film thickness, µm	5-20
Radiation resistance, rad	10 ⁹
Special properties	Excellent adhesion on all types of surfaces.
Propellant	Non CFC

HANDLING

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding PPE, safe use, and physical & health hazards. Safety data sheet is available from MRO INFRA or your local MRO INFRA Channel Partner

DISPOSAL

All used and unused product should be disposed of in accordance with state regulations.

LIMITED WARRANTY

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended MRO INFRA product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty