

MOLYGUARD RA 40

Anti seize thread compound

MOLYguard R.A. 40 is an infusible compound obtained from a solvent refined mineral oil base, thickened with a non melting inorganic base and incorporating extreme-pressure additives, high percentage of powdered copper and other metals of very fine particle size.

It is designed to meet the performance requirements of general industrial applications.

This product's chief advantages are:

- Very low coefficient of friction;
- Ability to withstand high pressures and prevent seizure and cold welding of metal surfaces also at elevated temperatures;
- Exceptional ability to adhere to most surfaces.
- Makes disassembly easy and non destructive.

TYPICAL USES

As a threaded fastener lubricant to withstand the shocks, vibrations and temperature variations to which these connections are subjected.

As a press-fitting lubricant, particularly in field service when pressures needed to press-fit bearings and splines must be minimised. Also eliminates galling and seizing, which can result in misalignment and distortion.

APPLICATION METHODS:

Burnishing: rub on with soft cloth.

Brush on: by brushing with short stiff bristles.

PHISYCAL CHARACTERISTICS

(not a specification)

| | METHOD | UNIT OD MEASURE | VALUE |
|-------------------------------|---------------|------------------------|-------------------|
| Appearance | | | Adhesive compound |
| Colour | ASTM D 2108 | | Beige copper |
| NLGI consistency | ASTM D 217 | | 2 |
| Specific gravity at 15°C | ASTM D 1298 | Kg/dm ³ | 0.900 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 220 (base oil) |
| Worked penetration at 25°C | ASTM D 217 | 1/10 mm | 265/2 95 |
| Flash point | ASTM D 92 | °C | > 200 |
| Drop point | ASTM D 566 | °C | infusible |
| Oxidation stability | ASTM D 942 | | 2 PSI |
| Water resistant | DIN 51807 | | 0 - 90 |
| Four ball tester (weld point) | DIN 51530 | N | 2800 |
| Operating temperature range | | °C | -15 + 1000 |