

G 100 Spray

Solid lubricant paste for effective running-in and metal assembly

Product description

- MoS₂ and solid lubricants based universal assembly paste

Applications

- As a low friction running-in, metal priming paste for all new or rebuilt mechanical equipment such as gears, sliding bearings, slide ways, joints, sleeves, splines, cams, journal bearings.
- Press-fitting lubricant to reduce press-fitting power required and prevent misalignment, seizure, wear, distortion especially under heavy load conditions.
- For lubrication of all sliding metal surfaces to reduce wear, friction and prevent cold-welding of surfaces such as for shafts, bushes, splined shafts, pumps, valves, threaded spindles, moving screws, toothed gears, worm gears and transmission gears, lead screws, machine tool guides, pumps, flanges, anti friction bearings, ball and roller bearings, shafts, bolts and pulleys.
- Assembly paste to reduce tightening torque required; for enabling easy and non-destructive disassembly of components after long operational hours under operating and temperature variations.
- For heavily loaded surfaces under slow sliding speeds for preventing cold welding of sliding surfaces under heavy loads.

Features & benefits

- Service temperature range of -35°C to +450°C
- Low coefficient of friction
- High pressure withstanding capacity
- Load bearing capacity exceeds the yield point of most metals
- Prevents metal-to-metal contact and offers protection from wear and friction
- Prevents seizure, scoring, galling, fretting corrosion and stick slip
- Reduces press fitting force required and prevents distortion or misalignment
- Makes assembly easier and disassembly rapid and non-destructive irrespective of operational period or conditions
- Economical to use owing to its high surface coverage capacity
- Aids running in and provides emergency lubrication during start ups

How to use

Shake can vigorously for a couple of minutes before spraying till bearing noise from inside the container is audible. Repeat before every application. Spray on clean, dry and degreased surface. Only a thin film of this lubricant is required. Allow solvents to evaporate. Spray from a distance of 20-30 cm. Repeat if necessary. For cleaning the valve dip-tube after spraying, invert the can and depress the actuator button for a few short bursts till only the clear propellant comes out.

Caution

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

| Test | Unit | Result |
|------------------------------|---------------------|--|
| Appearance | | Hydrocarbon gas propelled liquid |
| Description | | Lubricant |
| Colour | | Gray black |
| Odor | | Mild |
| Film type | | Light oily |
| Specific gravity concentrate | g/cm ³ | 0.64-0.67 |
| ISO VG grade | | N/A |
| Evaporation rate | | N/A |
| KB value | | N/A |
| Dielectric strength | | N/A |
| Plastic safe | | N/A |
| Service temperature range | °C | -35 to +450 |
| Flash point | °C | -25°C (closed cup) aerosol |
| Flammability class | | Extremely flammable |
| Film thickness | Mils | N/A |
| Dry time, full dry | h | N/A |
| Dry time, tack free | h | N/A |
| Recoat | h | N/A |
| Method of removal | | With any available shopfloor degreaser |
| Four ball weld load | N | 2800 |
| Four ball wear, 800N | mm | 0.75 |
| NSF category code | | N/A |
| NSF number | | N/A |
| Solubility in water | | No |
| Coverage | m ² /can | 2-4 |
| Propellant | | Hydrocarbon |
| Shelf life | months | 36 from date of manufacture |

N/A: not applicable

General

Use in well-ventilated areas. Avoid continuous breathing of vapor and spray mist. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards.

Manufactured by:
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Disposal

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

Limited warranty

Product manufactured is for industrial use only. 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 ASV 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.

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