

RG Paste

Solid lubricants paste

Product description

Molybdenum disulfide and white solid lubricants based anti-seize paste for running in, assembly and press fits

Features & benefits

- Service temperature range of -25°C to +450°C (up to +630°C in areas with restricted air access)
- Low coefficient of friction
- High pressure withstanding capacity
- High load bearing capacity exceeds the yield point of most metals
- Offers protection from wear and friction
- Eliminates metal-to-metal contact
- Reduces seizure, scoring, galling, fretting corrosion
- Makes disassembly easier 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
- Protects against cold welding and stick slip
- Good affinity for metal surfaces

Applications

- Running-in, metal priming paste for new or rebuilt mechanical equipment such as journal bearings, gear boxes, splines.
- Press-fitting lubricant to reduce press-fitting power, prevent misalignment, seizure, wear, distortion especially under heavy load conditions
- Heavily loaded surfaces under slow sliding speeds for preventing cold welding, reducing wear and friction of sliding surfaces under heavy loads.
- Lubrication of shafts, bushes, splined shafts, pumps, valves, threaded spindles, toothed gears, worm gears and transmission gears, lead screws, machine tool guides, pumps, flanges, anti-friction bearings.
- Metalworking applications such as drawing, stamping, extruding to lower friction, prevent galling and metal pick-up

How to use

Use as supplied. Never mix with other greases or dilute with any oils. For optimum performance, clean the contact surface.

Use any ASV heavy duty industrial strength solvent based cleaner degreaser available in aerosol spray or bulk liquid pack. When using a water based degreaser, ensure complete removal of any residues of the water based alkaline cleaning solution prior to applying grease.

Apply on clean, dry, degreased contact points by brush, cloth or chamois leather. Rub intensively on the metal surface to form a thin uniform lubricating film.

All ASV® pastes are high concentrations of solid lubricants in suitable oil carriers. Oil separation might occur over an extended period of time. If required, stir the contents by any simple mechanical means for a few minutes, and the product will regain its original consistency. Never use in excess as is customary with grease lubrication and never use paste instead of grease.

Test	Unit	Result	Standard
Appearance		Solid, grease	Visual
Colour		Black	Visual
Base oil		Mineral	Visual
Thickener		Inorganic	In house
Penetration (unworked)	mm/10	280-310	ASTM D-217
NLGI Class		1	DIN 51 818
Density @ 20°C	g/cm ³	1.35	ASTM D-1298
Drop point	°C	185	ASTM D-566
Lower operating temperature	°C	-25	In house
Upper operating temperature*	°C	+450 (to +630 with restricted air)	In house
Four ball OK weld load	N	2800	DIN 51 350 pt.4
Wear scar (1h, 800N)	mm	0.75	DIN 51 350 pt. 5
Water resistance, static		2-90	DIN 51 807 pt.1
Coverage	m ² /kg	3-4	
Shelf life from manufacturing month, unopened container	Months	60	In house
* thermal resistance of lubricating solids			

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:
ASV Multichemie Private Limited
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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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