

A 120 Paste

High purity metal free solid lubricants based paste for threaded joints

Product description

High purity, metal free solid lubricants paste (free of lead, nickel, sulfur, chlorine or fluorine) in a mineral oil carrier for threaded / bolted connections.

Features & benefits

- Service temperature range of -30°C to +1400°C
- Excellent load carrying capacity
- Very high purity level; extremely low sulfur and chlorine levels) Sulfur content <250 ppm, halogen content (including chlorine) <200 ppm
- Low coefficient of friction
- Makes disassembly very easy and non-destructive even after extended operational periods at high temperatures and adverse working environments
- Lower breakout torque
- Prevents stress cracking
- Prevents metal to metal contact and heat freeze

Applications

- All threaded connections operating at extremely high temperatures especially those made of steel, stainless steel, heat resistant steel and proprietary alloys e.g. ni-based alloys commonly used in gas and steam turbines of thermal and nuclear power generating plants, chemical plants, paper processing machinery, refineries.

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		Gray 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	1.21	ASTM D-1298
Drop point	°C	None	ASTM D-566
Lower operating temperature	°C	-30	In house
Upper operating temperature*	°C	+1400	In house
Four ball OK weld load	N	5500	DIN 51 350 pt.4
Wear scar (1h, 800N)	mm	1.5	DIN 51 350 pt. 5
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
E 14, Additional MIDC, Patalganga
Panvel-410 220 INDIA



WWW.ASVMULTICHEMIE.COM

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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