

Nikkel Lube Paste

Nickel and graphite based anti-seize

Product description

High temperature anti seize paste based on high purity nickel and graphite in an oil carrier. Extremely recommended for use on all high strength alloys, stainless steel and nickel alloys. Meets purity levels for use in nuclear class hardware

Features & benefits

- Service temperature range from -30°C to +1427°C.
- Eliminates metal to metal contact and maintains lubrication qualities under wide variations of temperature and adverse operating conditions and prevents galling, hardening, fretting, seizure, stripping, cold-welding, sintering, fusion of threads, bolt breaking and distortion
- Enables faster and rapid assembly and non-destructive disassembly even after long term exposure to high temperatures and corrosive atmospheres
- Does not contain any ingredients that may poison reactor catalyst beds such as copper, lead, sulfurs, chlorides, halogens, silicones
- Highly resistant to hot & cold water, brine water, steam, humidity, moisture, dilute acids and alkalis, rust, corrosion and oxidation
- Safe to be used in the presence of ammonia, acetylene and vinyl monomers which are highly unstable in the presence of copper
- Low friction properties reduce wear and friction to increase life of the equipment
- Chemically inert and does not react with metals to cause pitting and prevent intergranular or electrolytic corrosion of high strength ferrous or non-ferrous materials

Applications

- Anti seize thread compound for all high strength alloys, nickel alloys and stainless steel hardware or fittings in nuclear power plants, steel plants, petrochemical and fertilizer units, refineries such as burner tips, furnace hinges, reactor bolts, studs, pipe fittings, threaded connections, flanges, pump fittings, unions.

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	290-320	ASTM D-217
NLGI Class		1	DIN 51 818
Density @ 20°C	g/cm ³	1.32	ASTM D-1298
Drop point	°C	None	ASTM D-566
Lower operating temperature	°C	-30	In house
Upper operating temperature*	°C	+1427	In house
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.

ASV® MOLYSULF® PENETROIL® SHINY GALVA® VALV-KOTE® BRIGHT ZINK®
SPEZET® MOLYCHEM® TRIBOSULF® are Registered Trademarks of ASV
MULTICHEMIE PRIVATE LIMITED, INDIA