



**Aerolube Technologies**



Technical Data Sheet

**5016 Metal Free Solid Lubricants Based Paste for Lubrication and Preventing Seizure at High Temperatures up to +1200°C**

**Applications**

- For all assembly and lubrication of open gears, shafts, nuts, bolts, screws, flanged connections, break rods, guide bolts, plain bearings, equipment exposed to marine weather influences to eliminate metal-to-metal contact, resist water washout, withstand high temperatures, prevent heat freeze, galling and seizure.

**Benefits**

- Extremely wide service temperature range of -40°C to +1200°C
- Highly adhesive and non-melting
- Absolutely metal free
- Makes disassembly very easy and non-destructive even after long operational periods at high temperatures and adverse working environments
- Protects surface from wear and friction
- Increases service life of components
- Eliminates metal to metal contact and prevents fretting corrosion
- Offers protection from corrosion  
Resistant to marine atmospheres, water, humidity and corrosion

**Directions for Use**

Use as supplied. Never dilute or mix with other oil or grease. Clean the sliding surfaces and friction points. Apply this paste with a brush, cloth or grease gun.

**Available Packaging**

1 kg

**Shelf Life**

60 months from date of manufacture in sealed condition.

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## **5016 Metal Free Solid Lubricants Based Paste for Lubrication and Preventing Seizure at High Temperatures up to +1200°C**

### TECHNICAL PROPERTY

PARAMETER	VALUE	UNIT	METHOD
Type	Solid lubricants and additives in oil		
Appearance	Smooth homogenous paste		
Color <sup>1</sup>	Light yellow to brown		
Penetration - unworked	310-340	mm/10	ASTM D 217
Density, @ 25°C	1.2-1.4	g/cm <sup>3</sup>	
Drop point	None	°C	ASTM D 566
Service temperatures <sup>2</sup> - as dry solid lubricants	-40 to +1200	°C	
Salt spray test	500 h		
Four ball test, weld load	3000	N	DIN 51 350 pt. 4
Four ball test, wear scar, 800N load	0.98	mm	DIN 51 350 pt. 5

1. Minor color variation of the same product but of different batches could be possible. However the lubrication values remain unchanged.

2. Solid lubricants maintain lubrication up to +1100°C

### General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

### Disposal

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

### 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. Safety data sheet is available from Aerolube or your local Aerolube distributor.

### Limited Warranty

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 Stanvac 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. Product manufactured is for industrial use only.

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