



Aerolube Technologies



Technical Data Sheet

5006 Solid Lubricants Paste with Silicone Based Oil

Applications

- Extremely wide service temperature range of -45°C to +450°C
- Silicone carrier oil volatilizes at +230°C to provide dry lubrication up to +450°C
- Prevents metal-to-metal contact
- Compatible with rubber, seals, plastics and elastomers
- Good oxidation resistance
- Water resistant
- Reduces wear and friction
- High pressure withstanding capacity
- Prevents metal-to-metal contact and offers protection from wear and friction
- Prevents seizure and fretting corrosion

Benefits

- Suitable for lubrication of sliding metal surfaces and friction points operating at low speeds and medium loads and requiring a higher degree of resistance to oxidation, water, steam and high temperatures.
- For lubrication of natural or synthetic rubber, plastics, nylon or fibre bearings, O-rings, seals, plastic and rubber components which get affected by mineral oil based formulations.

Directions for Use

Clean the sliding surfaces and friction points. Apply this paste with a brush or cloth and rub intensively on the metal surface to form a thin uniform film. Do not use in excess as is customary with greases. Do not mix with other oils or grease.

Available Packaging

1 kg

Shelf Life

60 months from date of manufacture in sealed condition.

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5006 Solid Lubricants Paste with Silicone Based Oil

TECHNICAL PROPERTY

| PARAMETER | VALUE | UNIT | METHOD |
|---------------------------|--|-------------------|------------------|
| Type | Solid lubricants and additives in special silicone oil | | |
| Appearance | Smooth homogenous paste | | |
| Color 1 | Grey black | | |
| Penetration - unworked | 280-330 | mm/10 | ASTM D 217 |
| Density, @ 25°C | 1.8-2.0 | g/cm ³ | |
| Service temperatures 2 | -45 to +450 | °C | |
| Four ball test, weld load | 2000 | N | DIN 51 350 pt. 4 |

1. Minor color variation of the same product but of different batches could be possible. However lubrication values remain unchanged.
2. Provides lubrication in paste form up to +230C. Solid lubricants maintain lubrication up to +450°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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