



Aerolube Technologies



Technical Data Sheet

5021 Chuck Paste White Solid Lubricants Based Grease Paste

Applications

For lubrication of sliding metal surfaces especially in metal machining applications operating under high pressures and heavy loads where lubricant resistance to water / machining fluid emulsions is required along with strong adhesion properties. Highly recommended for lubrication of chucks on metal working machinery.

Benefits

- Extremely wide service temperature range of -25°C to +250°C
- Highly adhesive and very good resistance to water washout by metal working fluid emulsions
- Prevents seizure, galling, wear and stick-slip
- Reduces friction
- High load carrying capacity
- Provides good resistance to 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, 5 Kg

Shelf Life

60 months from date of manufacture in sealed condition.

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.

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TECHNICAL PROPERTY

| PARAMETER | VALUE | UNIT | METHOD |
|---------------------------------------|---------------------------------------|-------------------|------------------|
| Type | Solid lubricants and additives in oil | | |
| Appearance | Smooth homogenous paste | | |
| Color 1 | Off white to light beige | | |
| Penetration - unworked | 270-310 | mm/10 | ASTM D 217 |
| Density, @ 25°C | 1.15-1.25 | g/cm ³ | |
| Service temperatures 2 | -25 to +250 | °C | |
| SKF Emscor Degree of corrosion | 0-1 | | DIN 51 802 |
| Water resistance, static evaluation | 2-90 | | DIN 51 807 pt.1 |
| Four ball test, weld load | 3000 | N | DIN 51 350 pt. 4 |
| Four ball test, wear scar, 800 N load | 0.9 | 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 +250°C

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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