



Aerolube Technologies



Technical Data Sheet

5011 High Temperature and High Pressure Withstanding Copper Paste for Operations Under Steam, Water and Corrosive Environmental Influences

Applications

For applications where equipment and components are subjected to corrosives, water, steam and temperature influences as threaded connections, steam lines, flanged connections, brake mechanisms.

Heavy duty thread compound for studs, nuts, bolts, valve stems, spindles, exhaust pipes, cylinder and engine head screws, steam lines exposed to high temperatures, water and corrosives to provide complete protection from seizure and corrosion and which also need to be reopened or retightened after assembly and initial operational period

Benefits

- Extremely wide service temperature range of -30°C to +650°C
- Very good adhesion to metal surfaces and does not get thrown off
- Non-melting and does not drip
- Offers good resistance to corrosion and oxidation
- Assures complete lubrication and protection under temperature and operating environment influences
- Completely resistant to water and impervious to steam
- Protects surface from wear and friction
- Good corrosion protection
- Free from heavy metals such as lead or nickel

Directions for Use

Use as supplied. Never dilute or mix with other oil or grease. Clean and degrease the surface prior to application. Apply this paste with a brush, grease gun or dispense via centralized lubrication system. The excess paste need not be removed.

Available Packaging

1 kg

Shelf Life

60 months from date of manufacture in sealed condition.

Aerolube Technologies

A-501, Kabra Centroid, 168/169, Vidyanagari Marg, Kalina, Santacruz (E), Mumbai - 400 098. Mobile : 93200 01540

E-mail : sales@aerolubeindia.com | aerolubetech@rediffmail.com | Website : www.aerolubeindia.com



Aerolube Technologies



5011 High Temperature and High Pressure Withstanding Copper Paste for Operations Under Steam, Water and Corrosive Environmental Influences

TECHNICAL PROPERTY

PARAMETER	VALUE	UNIT	METHOD
Type	Solid lubricants, metal powders and additives in oil		
Appearance	Smooth homogenous paste		
Color ¹	Copper		
Penetration - unworked	320-370	mm/10	ASTM D 217
NLGI Class	1		DIN 51 818
Density, @ 25°C	1	g/cm ³	
Drop point	None	°C	ASTM D 566
Service temperatures ²			
- as paste	-30 to +300	°C	
- as solids lubrication	-30 to +650	°C	
SKF-Emcor Degree of corrosion	0 / 0		DIN 51 802
Water resistance, static evaluation	1-90		DIN 51 807 pt.1
Four ball test, weld load	2500	N	DIN 51 350 pt. 4
Four ball test, wear scar, 800N load	1	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 +650°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.

Aerolube Technologies