



**Aerolube Technologies**



### Technical Data Sheet

## **5010 Solid Lubricants Based Grease Paste for Lubrication of Chisel Bushings of Hydraulic Hammers and Breakers**

### Applications

Stanvac 5010 chisel paste is formulated for withstanding extreme pressures, vibratory shocks, loads, temperatures and is specifically designed for use in hydraulic hammers, chisels and breaker applications.

Stanvac 5010 chisel paste contains copper, graphite, anti-wear solid lubricants as friction modifiers and forms a long lasting solid lubricants film of high load carrying capacity to protect surfaces from wear by reducing friction even after the hydrodynamic oil film is destroyed.

Stanvac 5010 increases equipment service life by ensuring lubrication even when exposed to harsh working and operating conditions as shock loads, water attack, temperatures and pressures normal for construction equipment.

Formulated employing a high drop point calcium sulphonate complex thickener, Stanvac 5010 chisel paste is inherently adhesive, resistant to corrosion, water, water spray off, oxidation and exhibits excellent shear stability even under heavy loads.

### Benefits

- Extremely wide service temperature range of -20°C to +1100°C
- Extremely stable under harsh conditions of heat, water, mild chemicals
- High load withstanding capacity and creates an effective matrix between mating surfaces to prevent metal-to-metal contact
- Protects surfaces from wear, friction and reduces surface contact temperatures
- Increases service life of components
- Excellent shear and mechanical stability
- Excellent protection against corrosion, water and water spray off

### Directions for Use

Use as supplied. Never dilute or mix with other oil or grease. Clean and degrease the surface of all previous residues prior to application. This paste can be applied manually or by centralized lubrication systems. **Caution:** Do not use on bearings.

### Available Packaging

1 kg, 5 Kg, 20 Kg

### Shelf Life

60 months from date of manufacture in sealed condition.

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### TECHNICAL PROPERTY

PARAMETER	VALUE	UNIT	METHOD
Appearance	Smooth homogenous paste		
Thickener	Complex		
Base oil	Mineral		
Color 1	Copper / Gray		
Worked penetration, 60	280-310	mm/10	ASTM D 217
NLGI Class	1-2		DIN 51 818
Drop point	+315	°C	ASTM D 566
Service temperatures 2	-20 to +1100	°C	
Water resistance, static evaluation	1-90		DIN 51 807 pt.1
Corrosion protection	Pass		ASTM D 1743
Four ball test, weld load	800	kgf	DIN 51 350 pt. 4
Four ball test, wear scar	0.60	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

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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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