



Aerolube Technologies



Technical Data Sheet

Plastolube LUB 870 Synthetic High Performance Grease Developed Specially for Lubrication of Plastic to Plastic and Plastic to Metal Combinations

Product Description

Stanvac Plastolube LUB 870 is a special purpose grease formulated specially for the lubrication of plastic to metal components / surfaces in any combination.

Applications

Stanvac Plastolube LUB 870 grease is suitable for lubrication of plastic-plastic, metal-metal and plastic-metal pairings at low to moderate speeds and moderate to high loads as in rubber seals, gaskets, plastic gears, contact switches; automotive, electrical, data processing, precision components, office equipment, domestic appliances etc.

Benefits

- Soft consistency
- Water-resistant & prevents corrosion
- Compatible with most plastics
- Lowers friction and operating noise levels
- Resistant to oxidation and ageing
- Extends service life
- Does not contain any silicone or mineral oil
- Non staining and can be used in place of dark colored products
- Very good low temperature performance
- Suitable for lubrication at low torques and low temperatures.
- Service temperature range from -60°C to +130°C

Directions for Use

Use as supplied. Never dilute or mix with other oil or grease. Apply on all clean sliding surfaces by normal greasing methods i.e. by brush, grease gun or dispense via centralized lubrication systems.

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).

Available Packaging

1 Kg, 5 kg, 20 Kg

Shelf Life

36 months from date of manufacture in sealed condition.

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TECHNICAL PROPERTIES			
Parameter	Value	Unit	Standard
Type	Special lithium soap thickened synthetic oil		
Appearance	Smooth grease		
Base oil	Synthetic hydrocarbon		
Base oil viscosity @ 40C	18	mm ² /s	
Thickener	Lithium		
Color ¹	Whitish		
Penetration, worked	320-330	mm/10	ASTM D 217
NLGI consistency	0	Class	DIN 51 818
Density, @ 25°C	0.87- 0.89	g/cm ³	
Drop point	+190	°C	ASTM D 566
Service temperatures	-60 to +130	°C	
Evaporation, 22 h, 99°C	0.3	% by wt.	DIN 51 807 pt. 1
Bleed, 24 h, 99°C	< 5	% by wt.	
Copper strip corrosion	1a	Pass	ASTM D 130

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

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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