



**Aerolube Technologies**



## Technical Data Sheet

# **SPtech LT 60 Synthetic high performance grease developed specially for lubrication of plastic to plastic and plastic to metal combinations especially at low temperatures**

### Product Description

Stanvac SPTECH LT 60 is a special purpose low temperature grease formulated specially for the lubrication of plastic to metal components / surfaces in any combination. It is based on a synthetic oil thickened with a special lithium soap thickener and exhibits resistance to age hardening and degradation by oxidation.

### Applications

Stanvac SPTECH LT 60 grease is suitable for lubrication of plastic-plastic and plastic-metal pairings at low to moderate speeds and moderate to high loads as in rubber seals, gaskets, plastic gears, contact switches; data processing and office equipment, toys, domestic appliances etc.

In the automobile industry, it is ideally suited for electrical power window mechanisms, sun roofs, bowden cables, seat adjustment mechanisms.

### 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
- Service temperature range from -60°C to +130°C

### Directions for Use

Apply on all clean sliding surfaces by normal greasing methods i.e. by brush, grease gun or dispense via centralized lubrication systems. Do not mix with other oils or grease.

### 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

### Shelf Life

36 months from date of manufacture in sealed condition.

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**TECHNICAL PROPERTY**

Parameter	Value	Unit	Standard
Type	Special lithium soap thickened synthetic oil		
Appearance	Smooth grease		
Base oil	Synthetic		
Thickener	Lithium		
Color 1	Whitish		
Penetration, worked	265-295	mm/10	ASTM D 217
NLGI consistency	2	Class	DIN 51 818
Density, @ 25°C	0.84- 0.89	g/cm <sup>3</sup>	
Drop point	+180	°C	ASTM D 566
Speed - DN Factor	1,000,000	mm/min	
Service temperatures	-60 to +130	°C	
Water resistance, static evaluation	1-90		DIN 51 807 pt.1
Oil separation, 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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