



**Aerolube Technologies**



Technical Data Sheet

## **Siltech 633 L / M Silicone Grease for Bearings Operating at Low and High Temperatures**

### Applications

▪ Highly recommended for lubrication of metal-to-metal and metal to plastic combinations under slow to medium speeds, light to moderate loads and exposed to high and low temperatures such as: freezer cart casters, conveyor chain bearings of cold room equipments; electrical motors, pumps, plastic electric clock motors, maximum demand meters, watt hour and power factor meters; oil burners, fans, plastic and rubber components, antifriction bearings, refrigeration equipment and chilling plants; control cables, vehicle starter motors, starter clutch drives, automotive starter clutches, windshield wiper motors, bowden cables; photographic, optical, surveying and meteorological equipment; oscillographs, instruments.

### Benefits

- Extremely wide service temperature range of -73°C to +204°C
- Exceptionally good oxidation resistance
- High shear stability
- Does not thin out at high temperatures
- Very good low temperature performance
- Stable, chemically inactive and inherently more inert than petroleum based products
- Resistant to ageing, water, moisture, steam, humidity and corrosive environments
- Low evaporation and does not volatilize at higher temperatures
- Safe for use on metal, plastic and rubber components

### 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. Check compatibility with plastics and elastomers before use.

### 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).

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# Siltech 633 L / M Silicone Grease for Bearings Operating at Low and High Temperatures

## TECHNICAL PROPERTIES

Parameter	Value		Unit	Standard
	633 L	633 M		
Type	Silicone grease	Silicone grease		
Appearance	Smooth grease	Smooth grease		
Base oil	Silicone	Silicone		
Thickener	Lithium soap	Lithium soap		
Color <sup>1</sup>	Light tan	Light tan		
Penetration, worked	300-340	265-295	mm/10	ASTM D 217
NLGI consistency	1	2	Class	DIN 51 818
Density, @ 25°C	1.0-1.05	1.0-1.05	g/cm <sup>3</sup>	
Drop point	+220	+220	°C	ASTM D 566
Service temperatures	-73 to +204	-73 to +204	°C	
Speed, max DN value <sup>2</sup>	250,000	200,000	mm min	
Bleed, 24h @ 150°C	2	1	%	
Oil separation, standard test, 168 h, 40°C	3.3	1.65	%	DIN 51 817

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

2. Dn value = Bore size in mm x rpm. This value will vary depending upon load, temperature and type of bearing.

### Available Packaging

1 Kg

### Shelf Life

36 months from date of manufacture in sealed condition.

### 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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