



**Aerolube Technologies**



### Technical Data Sheet

# **MPEP LC 2S Lithium Complex Soap Based Grease with PTFE Lubricating Solid**

## Product Description

Stanvac MPEP LC 2S grease is specially formulated for lubrication at high temperatures and under high loads.

Fortified with PTFE micro fine solid film lubricant, this grease provides an ultra thin invisible shield of micro fine lubricating solids between mating surfaces to reduce wear, friction and frictional heat thereof to keep equipment moving smoother and last longer than conventional greases.

## Applications

- Use successfully for roller bearing, plain bearings, roller guides, threaded spindles, splined shafts, taper bearings, needle roller bearings, ball and socket joints, sliding and mating surfaces, journal bearings, couplings.
- For long lasting lubrication of cams, shafts, spring, joints, steel cables and similar equipment operating under light to medium loads and low to high speeds.

## Benefits

- Extremely wide service temperature range of -20°C to +160°C
- Reduces friction and wear
- Low evaporation rate increases relubrication intervals
- High load carrying capacity
- Highly resistant to hot or cold water and water washout
- Offers good surface protection and corrosion inhibiting properties
- Good resistance to oxidation

## 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.

## Available Packaging

1 Kg, 5 Kg, 20 Kg

## Shelf Life

36 months from date of manufacture in sealed condition.

## 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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# MPEP LC 2S Lithium Complex Soap Based Grease with PTFE Lubricating Solid

## TECHNICAL PROPERTY

Property	Standard	Value	Unit
Type		Mineral oil, lithium complex soap and additives	
Appearance		Smooth grease	
Color		Light green	
Base Oil		Semi synthetic	
Thickener		Lithium complex	
NLGI	Class	2	
Worked Penetration	ASTM D 217	265-295	mm/10
Temperature Range		-20 to +160	°C
Drop Point	ASTM D 566	>+260	°C
Water Resistance	DIN 51 807	0-90	
Copper Strip Corrosion Test	ASTM D 130	1a, nil	

### 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.