



Aerolube Technologies



Technical Data Sheet

MPEP ML Series Lithium Soap Based Multipurpose Grease

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 -25°C to +120°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
- Can be dispensed via centralized lubrication systems

Directions for Use

Use as supplied. Never dilute or mix with 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.

Available Packaging

20 Kg, 180 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 ML Series Lithium Soap Based Multipurpose Grease

TECHNICAL PROPERTY			
Parameter	Value	Unit	Standard
Type	Mineral oil, lithium soap and additives		
Appearance	Smooth grease		
Base oil	Mineral oils		
Base Oil Viscosity, 40°C	110	mm ² /s	ASTM D 445
Thickener	Lithium Soap		
Color	Yellowish		
Penetration, worked	265-295	mm/10	ASTM D 217
NLGI consistency	2	Class	DIN 51 818
Density, @ 25°C	0.86	g/cm ³	
Drop point	+185	°C	ASTM D 566
Service temperatures	-25 to +120	°C	
Water resistance, static evaluation	0-90		DIN 51 807 pt.1
Weld Scar under 800N load	0.8	mm	DIN 51 350
Copper strip corrosion test	1a		ASTM D 130
Water washout	<2.5	%	ASTM D 1264

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.