



Aerolube Technologies



Technical Data Sheet

MPEP MT 25 Heavy Duty, Multipurpose Extreme Pressure Grease Containing MoS₂ Solid Lubricant for High Temperatures

Applications

- Use successfully for roller bearings, all types of anti-friction bearings, plain bearings, guides, threaded spindles, splined shafts, taper bearings, needle roller bearings, ball and socket joints, sliding and mating surfaces under vibratory or reciprocating motions, journal bearings, couplings.
- For heavy duty and long term lubrication to bearings and equipment of heavy engineering machinery, textile processing machines, compressors, exhaust fans, overhead cranes, mining and construction equipment, chassis of automotive and transportation fleet, sugar and cement plant machinery, rolling mills.
- For long lasting lubrication of cams, shafts, spring, joints, steel cables; for lubrication of small gear mechanisms exposed to severe impact loads and slow operating speeds.

Benefits

- Extremely wide service temperature range of -25°C to +160°C
- Forms a solid lubricating film to provide emergency lubrication and prevents premature bearing failures caused due to lubricant starvation as a film of solid lubricants is always maintained between sliding surfaces
- Prevents metal-to-metal contact and reduces friction and wear
- Offers protection against fretting corrosion
- Highly resistant to hot or cold water and water washout
- Extends relubrication intervals and cuts down lubricant consumption
- Combination of EP additives and solid film lubricants increase the load bearing capacity and provide emergency running in and boundary lubrication
- Offers good surface protection and corrosion inhibiting properties
- Very good performance under moderate to high loads and high speeds and low speeds at reciprocating motions
- Makes sliding smoother and reduces operational noise
- Increases wear life of the equipment
- Good resistance to oxidation
- Can be dispensed via centralized lubrication systems
- Out performs conventional lubricants

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

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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TECHNICAL PROPERTY			
Parameter	Value	Unit	Standard
Type	Grease with EP/AW additives and solid lubricants		
Appearance	Smooth grease		
Base oil	Mixture of mineral and synthetic oils		
Thickener	Lithium complex		
Color	Black		
Penetration, worked	265-295	mm/10	ASTM D 217
NLGI consistency	2	Class	DIN 51 818
Density, @ 25°C	0.85- 0.95	g/cm ³	
Drop point	+260	°C	ASTM D 566
Service temperatures	-25 to +160	°C	
Water resistance, static evaluation	0-90		DIN 51 807 pt.1
Copper strip corrosion test	1a		ASTM D 130

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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