

High Performance Multi-purpose Extreme Pressure Grease with Solids

Description

DAYAN GREASE LI-EP M SERIES are high technology greases deigned to give optimum performance for grease lubrication in industrial bearings. They are based on mineral oil with a special solid additives to give long life, low wear and shear-stable properties at high temperatures.

Features and benefits

- Effective extreme-pressure properties
- Excellent anti-wear performance under shock load conditions
- Water resistant
- High resistance to aging
- Good pressure absorption due to the high base oil viscosity

Applications

Dayan Grease LI-EP M SERIES are suitable for use in a wide range of slow to medium speed bearings where shock loads or excessive vibration is likely and there is a specific requirement for the use of a grease fortified with molybdenum disulphide. these products are EP grease for highly loaded plain and roller bearings operating under extreme conditions .

Storage and Handling

Proper standards of storage and handling are necessary with all lubricants, and are particularly vital with greases. Packages should be treated with care at all stage, to prevent contamination of their contents and damage to containers. All packages should be stored indoors; where outside storage is unavoidable, they should be covered to avoid the possible ingress of water and the consequent obliteration of painted markings. Greases should not be exposed to extremes of temperature nor to direct hot sunlight.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	M2	MS 1000 2	M 500 2	EPM 1500/1
NLGI Consistency	-	-	2	2	2	1
Soap Type	-	-	Lithium	Lithium	Lithium	Lithium Complex
Solid Lubricants	-	-	MoS 2,Gr	MoS 2 + GR	MoS 2 + GR	MoS 2 + GR
Color	-	ASTM D1500	Black	Black	Black	Black
Base Oil	-	-	Mineral	Semi Synthetic	Mineral	Mineral
Kinematic Viscosity at 40°C	cSt	ASTM D445	220	1000	500	1500
Cone Penetration, Worked	0.1mm	ASTM D217	265-295	265-295	265-295	310-340
Dropping Point	°c	ASTM D566	190	190	<180	>180
(4-ball) welding point	Kgf	ASTM D2596	<250	<320	315	315

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.