

Premium Multi-Purpose Heavy Duty Grease with Solids

Description

Dayan Grease LI-Plex EPM is high performance greases designed for use in off-highway, construction and mining applications operating under severe conditions and loads.

Dayan Grease LI-Plex EPM is based on a lithium complex soap thickener and contain extreme-pressure, antioxidation, anti-wear, anti-corrosion and adhesion additives. They also contain 3% molybdenum disulfide to provide resistance to shock loading. Dayan grease EPMS is also formulated with synthetic base oil and could be have higher viscosity to 1000 for special applications.

Features and benefits

- Outstanding mechanical stability
- Effective extreme-pressure properties
- Good adhesive properties
- Excellent anti-wear performance under shock load conditions

Applications

Dayan Grease LI-Plex EPMS is 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.

Product and environmental safety

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	LI-Plex EPM 2	LI-Plex EPMS 1000/2
NLGI Consistency	-	-	2	2
Soap Type	-	-	Lithium Complex	Lithium Complex
Base Oil	-	-	Mineral	Synthetic
Color	-	ASTM D1500	Black	Black
Kinematic Viscosity at 40°C	cSt	ASTM D445	220	1000
Cone Penetration, Worked	0.1mm	ASTM D217	265-295	265-295
Dropping Point	°c	ASTM D566	>250	>250
(4-ball)welding point	Kgf	ASTM D2596	>250	620

Note:

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