

High performance Synthetic Lithium Complex Extreme Pressure grease

Description

DAYAN GREASE LI-PLEX EPS is a high performance multi-purpose Lithium Complex grease for industrial applications. It is based on high viscosity index synthetic oil and a lithium complex soap thickener. It contains the latest additives to offer excellent high temperature oxidation performance and other additives to enhance its anti-oxidation, antiwear and anti-corrosion properties.

Features and benefits

- Rolling element bearing life extended under conditions of vibration and water wash.
- May be used in Timken taper rolling bearings; Timken OK load.
- Suitable for use in continuous casters.
- Lower feed rates reduce environmental impact.

Application

DAYAN GREASE LI-PLEX EPS is used for the grease lubrication of bearings used in machinery found in the following industries:

- Continuous casting
- Vibrating sieves
- Quarries
- Breakers

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	EPS 100 00	EPS 100 2	EPS 220 2	EPS 1500
NLGI Consistency	-	-	00	2	2	1.5
Soap Type	-	-	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
Kinematic Viscosity at 40°C	cSt	ASTM D445	100	100	220	1500
Cone Penetration, Worked	0.1 mm	ASTM D217	400-430	265-295	265-295	295-310
Dropping Point	°C	ASTM D566	-	260	260	260
(4-ball) welding point	Kgf	ASTM D2596	=>250	=>250	=>250	=>250
Oil Separation, 0.25 psi, 24 h @ 25 °C	mass%	ASTM D1742	-	2	2	2
Copper Strip Corrosion, 24 h, 100 C, Rating	-	ASTM D4048	1a	1a	1a	1a
Temperature Range (temporarily)	-	-	-40/+130	-40/+150	-40/+150	-40/+140

Note:

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