

Extreme-Pressure Synthetic Base Oil Lithium Grease

Features and benefits

DAYAN GREASE LI-EP SYN 1 is a lithium-soap long-life EP lubricating grease of NLGI grade 1. It contains additives to improve the lubricant film's corrosion and oxidation protection properties, its adhesion properties and its pressure compensation. This Product combines the unique features of synthetic base fluids with those of a high quality lithium thickener. The wax-free nature of synthetic fluids and the low coefficient of traction (compared with mineral oils), provide excellent low temperature pumpability and very low starting and running torque.

Application

DAYAN GREASE LI-EP SYN 1 is used for pneumatic valves of brakes and slack adjusters in commercial vehicles, and for high-speed bearings exposed to fluctuating ambient temperatures. It is suitable for lifetime lubrication.

Features and benefits

- Good extreme pressure properties
- Good oxidation stability
- Protects against corrosion
- Good adhesive capacity
- Good load carrying capacity
- Long -term lubricant

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. Products should be stored between 0C and 40C.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	GREASE LI- EP SYN 1
NLGI Consistency	-	-	1
Soap Type	-	-	Lithium
Kinematic Viscosity at 40°C	cSt	ASTM D445	100
Cone Penetration, Worked	0.1mm	ASTM D217	310-340
Temperature Range (temporarily)	-	-	-50/+140
Dropping Point	-	ASTM D2265	>180
Extreme Pressure of lubricating grease (4-ball) welding point	kgf	ASTM D2596	315

Note:

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