

High Temperature High Speed Extreme Pressure Synthetic Polyurea Grease

Features and benefits

- DAYAN GREASE POLY S2 has outstanding durability and stability when subjected to a mechanical shearing force.
- DAYAN GREASE POLY S2 has Very good stability in application and also in standard storage condition.
- DAYAN GREASE POLY S2 will be easily pumped and injected.
- DAYAN GREASE POLY S2 has good adhesion to metals and also outstanding high and/or low temperature behavior.
- DAYAN GREASE POLY S2 has Excellent antirust and anticorrosion properties.
- DAYAN GREASE POLY S2 has outstanding thermal stability linked with excellent reversibility.
- DAYAN GREASE POLY S2 does not contain lead, or other heavy metals considered harmful to human health and the environment.

Application

- DAYAN GREASE POLY S 2 has synthetic base oil grease designed life long sealing applications.
- DAYAN GREASE POLY S 2 suitable for lubrication of bearings, slides, racks subjected to high temperatures and all other applications where speed and temperature has considerable effect on the performance of grease.
- Dust and/or dirt will effect on the performance of the grease so always consider environmental pollution when applying. Preferably use a pneumatic pump system or cartridges.

Specification

- ISO 6743-9: L-XDFEB 2
- DIN 51502: KP2R- 40z DIN 51502: KP2R- 40

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	POLY S2
NLGI Consistency	-	-	2
Soap Type	-	-	Polyurea
Color	-	Visual	Pale yellow
Appearance	-	Visual	Smooth
Operating temperature range	°c	-	-40 to 180
Penetration at 25°c	0.1mm	ASTM D217	265-295
4ball EP	Kgf	ASTM D2596	>315
Dropping point	°c	IP 396/NF T 60 102C	>260
Kinematic viscosity of the base oil at 40°c	mm ² /s	ASTM D445	80

Note:

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