



PRODUCT INFORMATION

SYNTEC XP GREASE

(CODE: 9010)

Description

SYNTEC XP GREASE is "state of the art", high tech grease that has a smooth texture, and is the prime recommendation for automotive, marine and industrial applications. **SYNTEC XP GREASE** is a supreme performance product suitable for a large variety of applications at extremes of temperature. It is manufactured with a lithium complex thickener, selected paraffinic and PAO base oils combined with a PTFE powder, rust, oxidation and corrosion inhibitors. It is recommended for bearing lubrication under all operating conditions from normal to unusually severe loads.

Summary of benefits

- **MULTI-PURPOSE GREASE** for High and Low Temperature applications. It protects against wear on all moving parts from Shock Loadings to unusually High Load services. Prevents Scuffing and further assists in Wear prevention because HI TEMP SYNPLEX EP 2 GREASE has excellent Shear Stability as well as the High Load Extreme pressure characteristics.
- The addition of PTFE powder extends the lubrication intervals, reduces the wet ability and improves the antifriction properties.
- **HIGH SHEAR STABILITY** ensures long service life particularly in sealed anti-friction bearings. The excellent resistance to mechanical shear combined with high film strength maintains grease consistency for extended lubrication service.
- **OXIDATION INHIBITED** assures long service life.
- **RUST and CORROSION INHIBITED** promotes effective lubrication under difficult environments that may be corrosive or rust prone service situations. These inhibitors protect all metal components under these adverse conditions.

Operating Temperature Range

Usable temperature range in continuous service is -40 to 210°C
Maximum temperature for short term exposure is 220°C

Applications

SYNTEC XP GREASE is recommended For use in all applications where extremely high thermal stability and high water resistance is required. These applications include automotive, industrial, marine applications, such as, wheel bearings, pre-packed and sealed for life bearing, trailer wheel bearing, rollers, cables and winches etc.

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Storage

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment

Health and safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Royal Precision Lubricants on (03) 9553-0840.

Typical characteristics

	Units	Value
Base Oil Viscosity		
@ 40°C	D.445	170
@ 100°C	D.445	19.5
Viscosity Index	-	132
NLGI		2
Thickener		Lithium Complex
PTFE Content		2.5%
Colour/Appearance		Green/ Smooth
Worked Penetration, at 25°C	D.217	275-305
Dropping Point, °C	D.2265	260+
Water Washout at 80 °C, %	D.1264	Less than 3.5
Evaporation Loss @ 175 °C	D.972	3.9%
Oxidation	D.942	
PSI O Loss 100 hours		0
300 hours		2
500 hours		4
Copper Corrosion Test	D.130	1b
Timken, OK Load Kg	D.2509	36
4-Ball Weld, Kg/f	D.2596	500
4-Ball Wear Scar, mm	D.2266	0.40
Rust Test	D.1743	Pass

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

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