



# THE INNOVATIVE AUSTRALIAN

## Product Data Sheet

### Syntec XP

Full Synthetic High-Performance Grease



PURE SYNTHETIC

**Syntec XP** is a "state of the art" high tech grease that has a smooth texture, and is the prime recommendation for automotive, marine and many industrial applications.

**Syntec XP** is a superior performance product exceeding conventional greases. It is suitable for a large variety of applications at extremes of temperature. **Syntec XP** is manufactured with a lithium complex thickener, selected paraffinic and PAO synthetic base oils combined with PTFE anti-wear additive, as well as rust, oxidation and corrosion inhibitors.

**Syntec XP** grease is designed for the most severe operating conditions and long-life applications. It is recommended for a wide range of bearing types with a wide temperature range from -40°C up to 210°C

#### Summary of Benefits:

- Multipurpose grease for high and low temperature applications. Syntec XP protects against wear on all moving parts from shock load as well as constant sustained load capacity.
- Syntec XP has excellent shear stability as well as high load extreme pressure characteristics.
- The addition of PTFE anti-wear additive combined with PAO synthetic base oil extends lubrication intervals, and improves the anti-frictional 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 inhibiting additives assures long component service life.
- Rust and Corrosion Inhibiting additives promote effective lubrication under challenging environmental service situations. These inhibitors protect all metal components under these adverse conditions.

#### Applications

**Syntec XP** is recommended for use in all applications where high thermal stability and water resistance is required. These applications include automotive, industrial and marine applications such as, wheel bearings, pre-packed and sealed for life bearings, trailer wheel bearings, rollers, cables, water pumps, marine engine pins and bushes, winches etc.

**Product Code:** 9010

**Product Size:** 450g, 500g, 2.5kg, 20kg



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[WWW.ROYALLUBRICANTS.COM.AU](http://WWW.ROYALLUBRICANTS.COM.AU)

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#### Operating Temperature Range:

Usable temperature range in continuous service is  $-40^{\circ}\text{C}$  to  $210^{\circ}\text{C}$ . Maximum temperature for short term exposure is  $220^{\circ}\text{C}$

#### Typical Characteristics:

NLGI	2
Base Oil Viscosity @ $40^{\circ}\text{C}$ (cSt)	170
Base Oil Viscosity@ $100^{\circ}\text{C}$ (cSt)	19.5
Viscosity Index	132
Thickener, Lithium Soap (% mass)	Lithium Complex
Worked Penetration @ $25^{\circ}\text{C}$	275-305
Dropping Point ( $^{\circ}\text{C}$ )	260+
Water Washable @ $80^{\circ}\text{C}$ (%)	<3.5
Evaporation Loss @ $175^{\circ}\text{C}$ (%)	3.9
Timken, OK Load (kg)	35
4-Ball EP Weld Point (kg/f)	500
4-Ball Wear Scar (mm)	0.40

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#### Typical Characteristic continued.

PSI Oxygen Loss 100 hours	0
300 hours	2
500 hours	4
Copper Corrosion Test	1b
Rust Test	Pass
Colour	Green
Appearance	Smooth

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

#### 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:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website [www.royallubricants.com.au](http://www.royallubricants.com.au) or by email [info@royallubricants.com.au](mailto:info@royallubricants.com.au)

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