

Product Data Sheet

Lithplex EP2

High Temperature, Extreme Pressure Lithium Complex Grease

Lithplex Grease is an NLGI No. 2 multipurpose, extreme pressure, high melting point, lithium complex grease which contains a light tackiness agent. It offers significant advantages over conventional soap based and clay-based greases in terms of shear stability, thermal stability, water resistance and pump ability. It has a high drop point and may be used at temperatures as high as 180°C.

Summary of Benefits

- Excellent extreme pressure performance
- Stays in place to lubricate and seal effectively
- Good mechanical and shear stability
- Excellent rust and corrosion resistance
- Superior oxidation and thermal stability
- Good low temperature performance and pump ability
- Good high temperature performances

Specifications:

- NLGI No. 2
- NLGI Service Category GC-LB



Product Code: 9003

Product Size: 450g, 2.5kg, 20kg, 180kg

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Typical Characteristics:

Appearance	Smooth, no lumps
Base Oil Viscosity (cSt at 40°C)	185
Colour	Blue/Green
Corrosion, Cu Strip (24hrs at 100°C)	1b
Drop Point (°C)	265
Emcor Rust Test - Distilled Water	0
5% Synthetic Sea Water	1
Four Ball EP Test Weld Load, N (kgF)	3920 (4000)
Four Ball Water Scar (mm)	0.5
Free Alkali as LiOH (%m)	0.05
Leakage Tendency (g)	2.1
Oil Separation (168hrs at 40°C %m)	3.4
Pump ability (g/min)	62
Timken OK Load (kg)	16
Water Spray Off (%m)	48.5
Wheel Bearing Leakage (%m)	0.6

*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 or by email: info@royallubricants.com.au.

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