

## Lithplex Grease

Code: 9003

**Lithplex Grease** is an NLGI No. 2 multipurpose, extreme pressure, high melting point, lithium complex grease which contains a 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 Service Category GC-LB

### 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

|                                      |                  |
|--------------------------------------|------------------|
| 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 (400)       |
| 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.*