

Sterling
LUBRICANTS
Excellence | Quality | Performance



LITHPLEX GREASE

*High Temperature, Lithium
Complex EP Grease*

LITHPLEX GREASE is an extreme pressure, high melting point, lithium complex grease which contains a light tackiness agent. It offers high levels of oxidation and thermal stability, water resistance and pumpability. Primary recommendation for high temperature wheel bearings. Suitable for many other general-purpose automotive and industrial applications.

PRIMARY INDUSTRIES: Industrial, automotive, transport earthmoving, forestry, agriculture, mining, marine and many more.

RECOMMENDED APPLICATIONS INCLUDE:

- High temperature wheel bearings
- Boat trailer wheel bearing
- Chassis, ball & universal joints
- King pins
- Turn tables spring shackles
- Air brake slack adjusters
- Trailer couplings
- Electric motors
- Many other applications requiring general purpose grease lubrication.



SPECIFICATIONS:

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

PRODUCT SIZE:

450g, 500g, 2.5kg, 20kg, 180kg

PRODUCT CODE: 9091

SUMMARY OF BENEFITS

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|---|
| 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 |

TYPICAL CHARACTERISTICS

| | |
|---|-----------------|
| Appearance | Blue, Tacky |
| NLGI Classification | 2 |
| Thickener | Lithium complex |
| Temperature range | -20°C to 180°C |
| Dropping Point ASTM D-2265 | 260°C + |
| Worked Penetration, 60 Strokes ASTM D-217 | 265-295 |
| Base Oil Viscosity @ 40 °C ASTM D445 | 200 |
| Wheel Bearing Leakage, gm. Loss ASTM D-4290 | 6.0 |
| Rust Prevention, Rating ASTM D-1743 | Pass |
| Copper Corrosion, Rating ASTM D-4048 | 1b |
| Oxidation Stability, PSI Drop ASTM D-942 | 5 |
| Oil Separation, % Loss ASTM-1742 | 2.5 |
| Four Ball Wear, mm Scar Dia, Max. ASTM D-2266 | 0.60 |
| Four Ball EP Weld Point, Min. ASTM D-2596 | 315kg |
| Timken, OK Load, Kg ASTM D-2509 | 23 |

*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 Sterling Lubricants by email: info@sterlinglubricants.com.au