



Liplex EP2 Grease is a "state-of-art", high-tech grease. It 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 pumpability. It has a high drop point and is suitable for continuous service up to 140°C.

APPLICATIONS

Liplex EP2 may be used in all applications where high thermal and oxidation stability and high water resistance is required. It may be used where either soap based or clay based greases are recommended, particularly where rationalisation of grease types is required.

These applications include automotive, industrial, mining, earthmoving and marine applications such as wheel bearings, chassis, pre-packed and sealed-for-life bearings in steel, cement, sugar, mining and other heavy industries, boat trailer wheel bearings, outboard motor fittings, winches, splines, cables, rollers and linkages.

Usable temperature range in continuous service is -25 to 140°C.

Maximum temperature for short-term exposure is 220°C.

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 pumpability.
- Good high temperature performances.

PERFORMANCE STANDARDS

NLGI Service Category GC-LB



TYPICAL CHARACTERISTICS

Product Code	1090
Appearance	Smooth, no lumps
Base Oil Viscosity at 40°C, mm ² /s	185
Colour	Blue/Green
Corrosion, Cu Strip, 24h at 100°C	1b
Drop Point, °C	265
Emcor Rust Test Distilled Water 5% Synthetic Sea Water	0 1
Four Ball EP Test Weld Load, N(kgF) Load Wear Index, N(kgF)	3920 (400) 560 (57)
Four Ball Wear Scar, mm	0.5
Free Alkali as LiOH, m%	0.05
Leakage Tendency, g	2.1
Oil Separation, 168h at 40°C, m%	3.4
Penetration, worked at 25°C 60 Strokes, tenth mm 10,000 Strokes, tenth mm	280 285
Pumpability, g/min	62
Roll Stability, tenth mm	+5
Timken OK Load, kg	16
Water Spray Off, m%	48.5
Wheel Bearing Leakage, m%	0.6

PACK SIZES

180kg, 20kg, 55kg, 2.5kg, 450g



ENVIRONMENT, HEALTH AND SAFETY

Users should consult the MSDS, 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.

OTHER INFORMATION

For further information on Caltex products and services call the Lubelink Advisory Service on 1300 364 169 between 8.00am and 6.00pm (EST) Monday to Friday.

Information in this publication is accurate at the time of printing and reasonable care has been taken to ensure it is complete and accurate. However, this information is subject to change (such as when formulations or usage and storage information changes). Please visit www.caltex.com.au for the latest product information. Independent advice should be sought before taking any action in reliance on the information in this publication, and Caltex Australia Limited and its related bodies corporate accept no liability for any reliance on this publication's content.