



Liplex Plus EP 2 Grease is a "state-of-art", high-tech Lithium Complex grease. It is an NLGI 2 multipurpose, extreme pressure, high melting point grease which contains a Lithium Complex thickener and a blend of premium Group II and synthetic basefluids. It offers effective shear stability, thermal stability, oxidation stability, water resistance and pumpability. It has a high drop point and weld load and is suitable for continuous service up to 140°C.

APPLICATIONS

Liplex Plus EP 2 may be used in all applications where high thermal and oxidation stability and high water resistance is required. It is ideal for use 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 175°C.

BENEFITS

- Premium extreme pressure performance.
- Stays in place to lubricate and seal effectively.
- Good mechanical and shear stability.
- Effective 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 (Certified for both chassis and wheel bearing lubrication)





TYPICAL CHARACTERISTICS

Product Code		3405
Appearance	Visual	Smooth, Blue
Base Oil Viscosity at 40°C, mm ² /s	D445	220
Copper corrosion	D4048	1A
Dropping Point, °C	D2265	267
Four Ball EP Load Wear Index, kg	D2596	59.4
Four Ball EP Weld point, N (kgf)	D2596	3920 (400)
Four Ball Wear scar, mm	D2266	0.56
Fretting wear weight loss, mg	D4170	<10
High Temperature Wheel Bearing Grease Life, Hrs	D3527	140
Leakage, g	D4290	2.3
Low Temperature Torque at -40°C, Nm	D4693	5.3
Penetration 0 / 60 Strokes	D1403	281 / 279
Lincoln Pumpability, psi at 0°C, 30s / 60s at 22°C, 30s / 60s		540 / 540 280 / 220
Rust test rating	D1743	Pass
Seal Material Comparability Polychloroprene Rubber (CR) Volume / Hardness Nitrile Rubber (NBR-L) Volume / Hardness		+17.2 / -11 +12.9 / 0
Water Washout	D1264	2.4 m%

PACK SIZES

180kg, 50kg, 20kg, 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.