



Customer benefits

Saves maintenance costs

Effective EP additive protects against bearing wear under severe conditions and shock loading. The effective rust and corrosion inhibitors protect metal surfaces, even in conditions of severe water exposure.

Minimizes downtime

High dropping point minimizes leakage from bearings at elevated temperatures and excellent oxidation resistance ensures long grease life. Natural water resistance of the lithium complex thickener, combined with the additional tackiness additive, prevents water washout.

Minimizes inventory costs

Multipurpose capability allows use in a wide range of automotive and industrial applications, reducing the number of different greases required and eliminating product misapplication.

Applications

- Construction equipment
- Agricultural tractors
- Heavy-duty transport
- Highway and off-highway applications
- General industrial greasing
- Automotive wheel bearings
- Chassis lubrication

Usable temperature range in continuous service:

-25 to 130°C (Starplex EP 2)

-20 to 130°C (Starplex EP 3)

Maximum temperature for short term exposure is 220°C.

Product features:

- **Starplex® EP Industrial** is a premium, multipurpose EP grease containing an ISO 220 mineral base oil, a lithium complex thickener, EP additives, rust and oxidation inhibitors and tackiness additives.

Dark red in color.

Product specifications

STARPLEX® EP		
KEY PROPERTIES		
NLGI Grade	2	3
Product Code	510805	510807
Dropping Point, °C	230+	230+
Oil Viscosity,		
- mm ² /s @ 40°C	220	220
- mm ² /s @ 100°C	21.0	21.0
Penetration, Worked @ 25°C	280	235
Thickener (Lithium Complex), m %	11	14
Timken OK Load, kg	20	20.4
Ball, weld point kg	315	315
Corrosion Preventive Properties	pass	pass
Water Washout, %	2.2	2.2

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Performance Standard

NLGI Service Category GC-LB (Starplex EP 2)

Service considerations

Although Starplex EP has a very high dropping point, which enables it to provide effective lubrication at temperatures well beyond those possible for conventional lithium soap greases, extended service at such elevated temperatures requires frequent relubrication to prevent oxidative degradation of the mineral base oil occurring.

Not recommended for constant-velocity joints on front wheel drive vehicles.

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal.

To obtain a MSDS for this product, visit:
www.caltexoils.com.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Global Lubricants
– Asia Pacific