



Starplex[®]

Automotive Wheel Bearing & Chassis Grease

Premium, multipurpose EP automotive wheel bearing and chassis 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.

APPLICATIONS

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

Usable temperature range in continuous service:

- 30 to 130°C (Starplex 1)
- 25 to 130°C (Starplex 2)
- 20 to 130°C (Starplex 3)

Maximum temperature for short term exposure is 220°C.

PERFORMANCE STANDARDS

- NLGI Service Category GC-LB (Starplex 2)

ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Caltex Material Safety Data Sheet (MSDS) and Caltex 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.

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.

KEY PROPERTIES

NLGI Grade	1	2	3
Dropping Point, °C	230+	230+	230+
Oil Viscosity,			
mm ² /s @ 40°C	220	220	220
mm ² /s @ 100°C	21.0	21.0	21.0
Penetration, Worked @ 25°C	325	280	235
Thickener			
(Lithium Complex), m %	8.5	11	14
Timken OK Load, kg	20	20	20

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SERVICE CONSIDERATIONS

Although Starplex 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.