



Starplex EP Formerly: Delo Starplex EP

High Performance Long Life Grease

Product Data Sheet



Customer benefits

Saves maintenance costs

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

Minimizes downtime

High dropping point helps minimize leakage from bearings at elevated temperatures and excellent oxidation resistance contributes to long grease life. Natural water resistance of the lithium complex thickener, combined with the additional tackiness additive, helps prevent 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

- 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:

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

Performance standards

- NLGI Service Category GC-LB
- Volvo Corporate standard STD 1277.2, lubricating grease 97720

Product features:

- **Starplex EP** is a 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.

A **Chevron** company product

continued

Typical test data

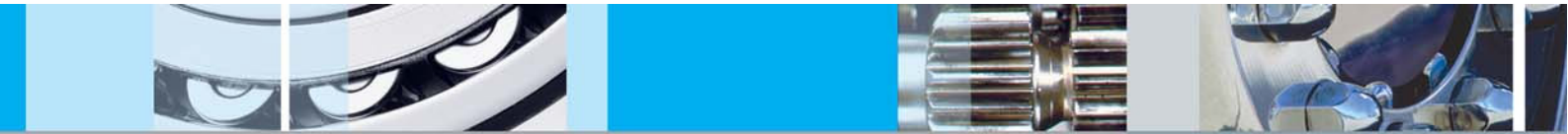
STARPLEX EP	RESULTS		
Typical Shelf Life: 48 months from date of filling indicated on the product label*			
Product Name		Starplex EP 2	Starplex EP 3
Product Number		510882	510807
Operating Temperature, °C (°F)			
Minimum ^a		-25	-20
Maximum ^b		130	130
ISO Viscosity Grade Base Oil Equivalent		220	220
Base Oil Viscosity, Kinematic			
cSt @ 40°C	D445	220	220
cSt @ 100°C	D445	21	21
Base Oil Viscosity Index	D2770	113	113
Thickener Type		Lithium Complex, 11	Lithium Complex, 14
Penetration, at 25°C Worked (60 strokes)	D217	280	235
Dropping Point, °C	D2265	230+	230+
Color		Yellow	Yellow
Four Ball Weld Point, Kg	D2596	315	315
Timken Ok Load, Kg	D2509	20	20
Corrosion Preventive Properties	D1743	Pass	Pass

^a Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures.

^b Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.

Minor variations in product typical test data are to be expected in normal manufacturing.

* Typical Shelf Life: (a) if stored under normal conditions and (b) can be extended after re-testing.



continued

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.

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: Africa, Middle East and Pakistan

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.

For more information, go to www.chevronlubricants.com

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