



Delo® Starplex® EP

High performance multipurpose automotive and industrial EP grease

Product Data Sheet

Product description

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

Delo Starplex EP Dark red in color.

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.

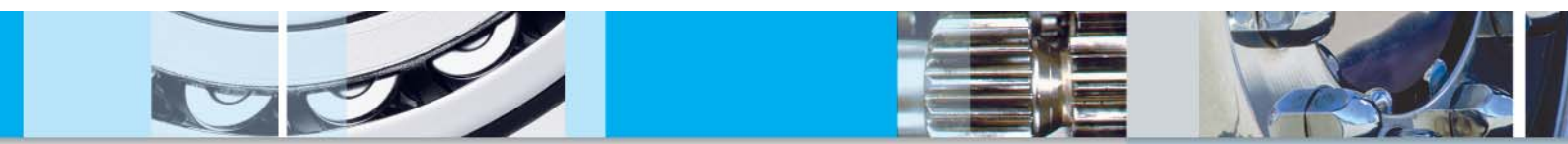
- **Minimizes inventory costs**

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

- Automotive wheel bearings and chassis lubrication
- On- and off-highway applications
- Construction equipment
- Agricultural tractors
- Heavy-duty transport
- Wide range of general industrial greasing

A Chevron company product



Usable temperature range in continuous service:

-30 to 130°C (Starplex EP 2)

-20 to 130°C (Starplex EP 3)

Maximum temperature for short term exposure is 220°C.

Approvals and performance

Delo Starplex EP meets:

- NLGI Service Category GC-LB (NLGI 2)
- Volvo Standard STD 1277,2 (NLGI 2)

Service Consideration

Although Delo 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.



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continued

Typical Key Properties

DELO STARPLEX EP TEST	TEST METHODS	RESULTS	
NLGI Grade		2	3
Product Code		510859	510851
Appearance	visual	Red	Red
Texture		Smooth	Smooth
Thickener type		- Lithium complex -	
Thickener content, %		11	14
Dropping Point, °C	ASTM D2265	>230	>230
Oil type		Mineral	Mineral
Base oil viscosity at 40°C, mm ² /s	ASTM D445	220	220
Base oil viscosity at 100°C, mm ² /s	ASTM D445	21.0	21.0
Penetration worked, 0.1 mm	ASTM D217	280	235
Four Ball welding point, kgf	ASTM D2596	315	315
Water Washout, %	ASTM D1264	2.2	2.2
Corrosion Preventive Properties	ASTM D1743	Pass	Pass

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 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