



# Delo® Starplex EP (old name Starplex EP) Automotive Wheel Bearing & Chassis Grease

Product Data Sheet

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

Usable temperature range in continuous service:

-25 to 130°C (Delo Starplex EP 2)

-20 to 130°C (Delo Starplex EP 3)

Maximum temperature for short term exposure is 220°C.

## Product features:

- **Delo® 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.

Dark red in color.

## Typical key properties

DELO STARPLEX EP		
NLGI Grade	2	3
Product Code	510859	510851
Dropping Point, °C	230+	230+
Oil Viscosity,		
- mm <sup>2</sup> /s @ 40°C	220	220
- mm <sup>2</sup> /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
Ball, weld point kg	315	315
Corrosion Preventive Properties	pass	pass
Water Washout, %	2.2	2.2

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## Performance Standards

- NLGI Service Category GC-LB (Delo Starplex EP 2)
- Volvo Corporate standard STD 1277.2, lubricating grease 97720 (Delo Starplex EP 2)

## Service considerations

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.

## 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.CaltexDelo.com](http://www.CaltexDelo.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 Lubricants**  
- Asia Pacific