



# Delo Syn-Grease SXD 460 EP 2

High Temperature Extreme Pressure Grease  
(formerly Ulti-Plex Synthetic Grease EP)

Product Data Sheet

## Customer benefits

- **Protects Metal surfaces**

Combination of a lithium complex thickener, oxidation inhibitor, and synthetic base oil provides resistance to hardening in service. EP additives provide outstanding wear protection under heavy and/or shock loads. Effective rust and corrosion inhibitors protect metal surfaces in wet conditions.

- **Wide temperature range application**

The high viscosity index synthetic base oil resists thickening at low temperatures and enables use over a wide temperature range. The excellent oxidation stability of the base fluid components enables operation in continuous high temperature environments.

- **Effective friction reducer**

High viscosity index synthetic base oil and tackiness additive maintain oil viscosity and provide adhesive properties which prevent oil leakage in high speed and high temperature conditions.

- **Superior water resistance**

Lithium complex thickener and tackiness additive produces excellent resistance to water washout.

## Applications

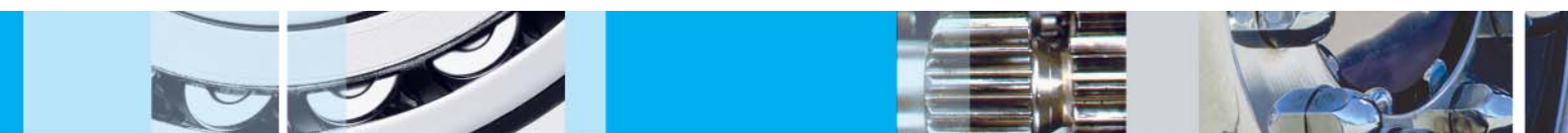
**Can include;**

- Pulp and paper applications:
  - High temperature felt roll bearings
  - Lime kilns
  - Sludge press bearings
  - Pulp refiner bearings
  - Pump and exhaust fan bearings
- Steel industry applications:
  - Roll bearings
  - Conveyor bearings
  - Furnace and coiler grease points
  - Pump and exhaust fan bearings

## Product features:

High performance, high temperature industrial and automotive EP grease specially formulated from an ISO 460 synthetic base oil, lithium complex thickener, EP additives, a tackiness agent and special corrosion and oxidation inhibitors. For EP ball and roller bearing applications, especially in continuous high temperature service up to 230°C where conventional greases tend to harden, or low temperature conditions down to -51°C where conventional greases are no longer pumpable.

A Chevron company product



- Mining industry:

- Conveyor bearings
- Pins and bushings on buckets and loaders
- Shaker screens
- Crushers

- Marine:

- Deck equipment
- Shaft bearings
- Crane and windlass winches
- Water exposed bushings

Usable operating temperature range in continuous service is  $-51^{(1)}$  to  $140^{\circ}\text{C}$ .  
With frequent relubrication the maximum is  $230^{\circ}\text{C}^{(2)}$

<sup>(1)</sup> 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.

<sup>(2)</sup> Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.



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continued

### Product Specifications

DELO SYN-GREASE SxD 460 EP 2 KEY PROPERTIES	RESULTS
NLGI Grade	2
Product Code	540904
Dropping Point, °C	312
ISO Viscosity Grade, Base Oil Equivalent	460
Oil Viscosity*	
mm <sup>2</sup> /s @ 40°C	344
mm <sup>2</sup> /s @ 100°C	35.5
Oil Viscosity Index	148
Penetration @ 25°C	315
Thickener (Lithium Complex), m %	13
Timken OK Load, kg	23

\* Determined on synthetic oil by vacuum filtration

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Produced by Chevron Lubricants; Africa, Middle East and Pakistan.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)