



DELO[®] GREASE ESI[®] EP 2

PRODUCT DESCRIPTION

Delo[®] Grease ESI[®] EP 2 is a technically advanced, extended service interval wheel bearing, chassis and kingpin grease for a wide variety of on-road and off-road applications.

CUSTOMER BENEFITS

Delo Grease ESI EP 2 delivers value through:

- **Extended Service Protection to 30,000+ miles/48,000+ km (or equivalent hours)**¹
- **Extreme pressure high load carrying capacity**
- **Excellent corrosion and wear protection**
- **Excellent water resistance**
- **Excellent high temperature stability**
- **Superb low temperature pumpability**²

FEATURES

Delo Grease ESI EP 2 is a technically advanced, extended service premium grease for a wide variety of on-highway and light duty off-road applications.

ISOSYN[®]
TECHNOLOGY

It is formulated with highly refined base stocks, a lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. Delo Grease ESI EP 2 is red in color with a tacky texture, and is an NLGI 2 consistency grade.

It is engineered to minimize friction and wear with a thick, velvety coating for excellent load carrying protection.

Delo Grease ESI EP 2 is specially formulated for extreme pressure in extended service wheel bearing and chassis applications including the steering drag links, kingpins, fifth-wheels, transmission cross shaft spring pins, shackle pins, brake cam shafts, and fifth wheel faceplates and pivots operating under high and low temperature conditions.

This product is formulated to perform in unusually demanding conditions of high and low temperatures including good pumpability in a variety of lubrication systems. Delo Grease ESI EP 2 uses a lithium complex thickener system and has a dropping point of approximately 266°C (510°F). Delo Grease ESI EP 2 has excellent high temperature stability up to 177°C (350°F).³ Delo Grease ESI EP 2 can also be recommended for applications operating down to -32°C (-25°F).⁴

1 Notes: Service intervals of 30,000+ miles/48,000+ km (or equivalent hours) are recommended for customers who maintain equipment in accordance with OEM requirements for their specific geographic area and specific service of the vehicle.

2 As compared to Mid-High Viscosity Base Oil Heavy Duty EP 2 Greases.

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

4 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.

Product(s) manufactured in the USA and Colombia.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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Delo® Grease ESI® EP 2 has the proper base oil viscosity to meet NLGI LB requirements for low temperature operation. Delo Grease ESI EP 2 exceeds the requirements of NLGI GC for EP protection and wheel bearing life.



Delo Grease ESI EP 2 is approved for:

- **MB-Approval** 265.1
- **Volvo** 97720
- **GROB** Lubricant Chart

APPLICATIONS

Delo Grease ESI EP 2 is designed for extreme duty in a wide variety of on-highway and light duty off-road vehicle and equipment applications.

On-highway heavy duty trucks — This lubricant is perfect for a wide variety of Class 6 - 8 trucks in most chassis and wheel bearing applications ranging from automatic centralized greasing systems (see Notes A and B) to wheel bearings operating near the high temperatures of disc brakes. This product is for most applications, from owner/operators to fleets (especially those considering extended service intervals of 30,000+ miles/48,000+ km or equivalent hours).⁵

Light Duty Off-Road vehicles — Whether the application is in logging, agriculture or utilities, this grease will perform. Use it in tractors, cherry pickers or any of a number of light duty off-road vehicles.

Automobiles — Delo Grease ESI EP 2 is an exceptional lubricant for high temperature wheel bearings and other high performance automotive applications.

Note A: Delo Grease ESI EP 2 is designed using high viscosity base oils. These oils offer excellent protection in severe duty, high shock load conditions where typical ambient temperatures are above -32°C (-25°F). Before using in applications involving onboard automatic grease dispensing systems in severe cold climate conditions, you should first consult with your equipment OEM specialist or Chevron Lubrication Specialist.

Note B: Not recommended for unheated shops where centralized automatic dispensing systems or long manual grease runs are the preferred method of lubrication and normal operating temperatures are consistently below -7°C (20°F).

⁵ Notes: Service intervals of 30,000+ miles/48,000+ km (or equivalent hours) are recommended for customers who maintain equipment in accordance with OEM requirements for their specific geographic area and specific service of the vehicle.

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TYPICAL TEST DATA

NLGI Grade	Test Method	2
Product Number		259126
SDS/MSDS Number U.S. Colombia		44800 44810
Operating Temperature, °C(°F) Minimum ^a Maximum ^b		-32(-25) 177(350)
Penetration, at 25°C(77°F) Worked (60 strokes)	ASTM D217	285
Dropping Point, °C(°F)	ASTM D2265	266(511)
Four Ball Weld Weld Point, kg Load Wear Index, kg	ASTM D2596	400 72
Four Ball Wear Wear Scar, mm	ASTM D2566	0,45
Timken OK Load, lb	ASTM D2509	80
Bearing Water Washout, wt % Loss at 79°C (175°F)	ASTM D1264	4
Water Spray-Off, % at 38°C (100°F)	ASTM D4049	15
EMCOR Dynamic Bearing Rust, 10% Synthetic Sea Water	ASTM D6138	0
Lincoln Ventmeter, psig at 30 s, at 75°F 32°F 0°F -22°F	K95400	325 570 1601 †
Copper Corrosion, rating	ASTM D4048	1B
Thickener, % Type		11 Lithium Complex
ISO Viscosity Grade, Base Oil Equivalent		220/320
Viscosity, Kinematic* cSt at 40°C cSt at 100°C	ASTM D445	261 21.5
Viscosity Index*	ASTM D2770	98
Flash Point, °C(°F)*	ASTM D92	274(525)
Texture		Tacky
Color		Red

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.

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- b Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.
- † Too stiff at this temperature to pump through device.
- * Determined on mineral oil extracted by vacuum filtration. Minor variations in data are to be expected in normal manufacturing.

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