



# DELO<sup>®</sup> GREASES EP

## NLGI 00, 0, 1, 2

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### PRODUCT DESCRIPTION

Delo<sup>®</sup> Greases EP are technically advanced, extreme pressure greases for a wide variety of on-road applications.

### CUSTOMER BENEFITS

Delo Greases EP deliver value through:

- **Extreme pressure high load carrying capacity**
- **Excellent corrosion and wear protection**
- **Excellent water resistance**
- **Excellent high temperature stability**
- **Outstanding low temperature pumpability**

### FEATURES

Delo Greases EP are technically advanced, extreme pressure greases for a wide variety of on-highway and light duty off-road applications.



They are formulated with highly refined base stocks, a lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. They are blue in color with a tacky texture.

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

Delo Greases EP are specially formulated for extreme pressure wheel bearing and chassis applications including the steering drag links, king pins, transmission cross shaft spring pins, shackle pins, brake cam shafts, and fifth wheel faceplates and pivots operating under high and low temperature conditions.

The high viscosity index base oil makes these products perfect for the centralized lubrication systems found on today's mobile equipment.

These products are formulated to perform in unusually demanding conditions of high and low temperatures. The lithium complex thickener in Delo Greases EP elevates the dropping point to approximately 266°C (510°F). This high dropping point equates to excellent high temperature stability up to 177°C(350°F).

Delo Greases EP have the proper base oil viscosity to meet NLGI GC-LB requirements for low temperature operation. **NLGI 1** and **2** are recommended for applications operating in the temperature range of -18°C to 177°C (0°F to 350°F). **NLGI 00** and **0** can be used at temperatures as low as -34°C(-30°F).

Delo Greases EP exceed the requirements of NLGI GC-LB for EP protection and rust protection, making them well suited for the most severe applications.

### APPLICATIONS

Delo Greases EP are 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** — These lubricants are perfect for a wide variety of Class 8 trucks in most chassis and wheel bearing applications ranging from automatic centralized greasing systems 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).

**Light Duty Off-Road vehicles** — Whether the application is in logging, agriculture or utilities, these greases will perform. Use them in tractors, cherry pickers or any of a number of light duty off-road vehicles. For heavy-duty construction and mining applications, please refer to the Chevron Delo<sup>®</sup> HD Grease product data sheet.

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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**Medium- and light-duty trucks and buses** —As with their heavy duty counterparts, the Class 7 and Class 6 vehicles and buses require an extreme duty grease. Delo® Greases EP will provide that performance.

**Automobiles** — Delo Greases EP are exceptional lubricants for high temperature wheel bearings and other high performance automotive applications.

**NLGI 1 and 2** are approved for the NLGI Certification Mark GC-LB.

Delo Greases EP NLGI 2 meets the requirements of the Mack MG-C grease specification.



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.

## TYPICAL TEST DATA

NLGI Grade	00	0	1	2
Product Number	235212	235211	235209	235208
MSDS Number USA Colombia	6818 —	6818 —	6818 —	6818 33733
Operating Temperature, °C(°F) Minimum <sup>1</sup> Maximum <sup>2</sup>	-40(-40) 132(270)	-40(-40) 132(270)	-40(-40) 177(350)	-40(-40) 177(350)
Penetration (Worked 60 Strokes), at 25°C(77°F)	415	370	325	280
Dropping Point, °C(°F)	n/a	235(455)	255(491)	265(509)
Four Ball Weld Point, kg	400	400	400	400
Four Ball Wear Scar, mm	0.45	0.45	0.45	0.45
Timken OK Load, lb	60	60	70	70
Water Washout, wt%	n/a	15	10	5
Water Spray-off, wt%	n/a	n/a	30	20
Lincoln Ventmeter, psig at 30 s, at 75°F 30°F 0°F -22°F	— 50 50 100	— 100 150 450	— 200 450 1250	— 250 700 1400
Copper Corrosion	1b	1b	1b	1b
Bearing Rust, 5% Synthetic Sea Water	Pass	Pass	Pass	Pass
Thickener, % Type	4.0 Lithium Complex	5.8 Lithium Complex	8.0 Lithium Complex	11.0 Lithium Complex
ISO Viscosity Grade Base Oil Equivalent	220	220	220	220
Viscosity, Kinematic* cSt at 40°C cSt at 100°C	189 17.5	189 17.5	189 17.5	189 17.5
Viscosity, Saybolt* SUS at 100°F SUS at 210°F	992 90	992 90	992 90	992 90
Viscosity Index	100	100	100	100
Flash Point, °C(°F)*	274(525)	274(525)	274(525)	274(525)
Oil Separation, wt%	n/a	5	4	2
Texture	Tacky	Tacky	Tacky	Tacky
Color	Blue	Blue	Blue	Blue

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

- 1 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.
  - 2 Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.
- \* Determined on mineral oil extracted by vacuum filtration.