



# DELO<sup>®</sup> GREASE EP

## 00, 0, 1, 2

### 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.

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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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.

**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 2 meets the requirements of the Mack MG-C grease specification.



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**TYPICAL TEST DATA**

<b>NLGI Grade</b>	<b>00</b>	<b>0</b>	<b>1</b>	<b>2</b>
Product Number	235212	235211	235209	235208
SDS/MSDS Number				
USA	6818	6818	6818	6818
Canada	6818CAN	6818CAN	6818CAN	6818CAN
Mexico	6818MEX	6818MEX	6818MEX	6818MEX
Colombia				33733
Operating Temperature, °C(°F)				
Minimum <sup>a</sup>	-40(-40)	-40(-40)	-40(-40)	-40(-40)
Maximum <sup>b</sup>	132(270)	132(270)	177(350)	177(350)
Penetration, at 25°C(77°F)				
Worked (60 Strokes)	415	370	325	280
Dropping Point, °C(°F)	n/a	235(455)	245(471)	255(491)
Four Ball Weld Point, kg	315	315	315	315
Four Ball Wear Scar, mm	0.45	0.45	0.45	0.45
Timken OK Load, lb	50	50	50	50
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	50	100	200	250
0°F	50	150	450	700
-22°F	100	450	1250	1400
Copper Corrosion	1b	1b	1b	1b
Bearing Rust, 5% Synthetic Sea Water	Pass	Pass	Pass	Pass
Thickener, %	4.0	5.8	8.0	11.0
Type	Lithium Complex	Lithium Complex	Lithium Complex	Lithium Complex
ISO Viscosity Grade				
Base Oil Equivalent	220	220	220	220
Viscosity, Kinematic*				
cSt at 40°C	226	226	226	226
cSt at 100°C	20.7	20.7	20.7	20.7
Viscosity, Saybolt*				
SUS at 100°F	1188	1188	1188	1188
SUS at 210°F	104.2	104.2	104.2	104.2
Viscosity Index	107	107	107	107
Flash Point, °C(°F)*	274(525)	274(525)	274(525)	274(525)
Oil Separation, wt %	n/a	5	5	5
Texture	Tacky	Tacky	Tacky	Tacky
Color	Blue	Blue	Blue	Blue

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.

b 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.

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

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