CHEVRON DELO® GREASES EP

NLGI 00, 0, 1, 2

CUSTOMER BENEFITS

Chevron 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

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

They are formulated with ISOSYN® 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.

Chevron 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 Chevron 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).

Chevron 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).

Chevron 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

Chevron Delo Greases EP are designed for extreme duty in a wide variety of on- and off-highway vehicle and equipment applications.

On-highway heavy duty trucks — These lubricants are perfect for a wide variety of Class 8 trucks in all 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 all applications, from owner/operators to fleets (especially those considering extended service intervals).

Off-highway vehicles — Whether the application is in construction, logging, mining, agriculture or utilities, these greases will perform. Use them in haul trucks, loaders, tractors, cherry pickers or any of a number of other off-highway vehicles.

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. Chevron Delo Greases EP will provide that performance.

Automobiles — Chevron 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.

Chevron Delo Greases EP meet the requirements of the Mack MG-C grease specification.

TYPICAL TEST DATA

NLGI Grade	00	0	1	2
CPS Number	*235212*	*235211*	*235209*	*235208*
MSDS Number	*6818*	*6818*	*6818*	*6818*
Operating Temperature,°C(°F)				
Minimum[1]	-34(-30)	-34(-30)	-18(0)	-18(0)
Maximum[2]	77(170)	99(210)	177(350)	177(350)
Penetration, at 25°C(77°F)				
Unworked	430	380	330	257
Worked (60 Strokes)	415	370	325	280
Dropping Point, °C(°F)	235(455)	235(455)	255(491)	265(509)
Timken OK Load, lb	55	55	55	75
Four-Ball				
Weld Point, kg	400	400	500	500
Wear Scar Diameter, mm	0.45	0.45	0.45	0.45
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,				
10% 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
Viscosity, Kinematic*				
cSt at 40°C	189	189	189	189
cSt at 100°C	17.5	17.5	17.5	17.5
Viscosity, Saybolt*				
SUS at 100°F	992	992	992	992
SUS at 210°F	90	90	90	90
Viscosity Index	100	100	100	100
Flash Point, °C(°F)*	246(475)	274(525)	274(525)	274(525)
Texture	Tacky	Tacky	Tacky	Tacky
Color	Blue	Blue	Blue	Blue

Typical test data are average values only. Minor variations which do not affect product performance 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.