



DELO[®] SYN-GREASE[™] SFE EP 0 (formerly Delo Synthetic Grease SF)

PRODUCT DESCRIPTION

Delo[®] Syn-Grease[™] SFE EP is a high performance semi-fluid grease specifically engineered for trailer wheel-ends operating in a wide range of conditions.

CUSTOMER BENEFITS

Delo Syn-Grease SFE EP delivers value through:

- **High temperature stability** up to 190°C (375°F)
- **Low temperature lubrication** down to -45°C (-50°F)
- **Excellent antiwear/low friction performance**
- **Extreme pressure load carrying capacity**
- **Rust protection**
- **Extended lubrication intervals**
- **Energy efficiency improvement**

FEATURES

Delo Syn-Grease SFE EP is a high performance grease specifically engineered for trailer wheel-ends operating in a wide range of conditions.

Delo Syn-Grease SFE EP is manufactured using polyalphaolefin (PAO) synthetic base oil, a polyurea thickener, rust and oxidation inhibitors, extreme pressure additives, and a special combination of friction reducing agents. It is gold in color with a smooth, semifluid texture.

Delo Syn-Grease SFE EP is formulated to perform in demanding conditions of high and low temperatures. The polyurea thickener in Delo Synthetic Grease SFE elevates the dropping point to 230°C (446°F). This high dropping point equates to excellent high temperature stability up to 190°C (375°F). In addition, the high viscosity index (VI) of the PAO synthetic base

oil allows for excellent flow properties at low temperatures - allowing Delo Syn-Grease SFE EP to operate at temperatures as low as -45°C (-50°F).

APPLICATIONS

Trailer lubrication — Delo Syn-Grease SFE EP is recommended for use in trailer axles. It flows smoothly and evenly at temperatures as low as -45°C (-50°F) and continues to lubricate efficiently at temperatures up to 190°C (375°F). It provides many advantages in trailer axle lubrication, compared to mineral oil-based grease, such as

- Excellent low temperature properties (i.e. lower starting torque).
- Oxidation resistance at high temperatures.
- Excellent antiwear/low friction performance throughout the operating temperature range.

Product(s) manufactured in the USA.

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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TYPICAL TEST DATA

NLGI Grade	Method	0/00
Product Number		259117
SDS Number		
U.S.		44740
Canada		44741
Mexico		44742
Operating Temperature, °C(°F)		
Minimum ^a		-45(-50)
Maximum ^b		190(375)
Penetration, at 25°C(77°F)	ASTM D217	
Unworked		365
Worked		390
Dropping Point, °C(°F)	ASTM D2265	230(446)
Timken OK Load, lb	ASTM D2509	45
Thickener, %		9
Type		Polyurea
Viscosity, Kinematic (Base Fluid)	ASTM D445	
cSt at 40°C		130
cSt at 100°C		17.6
Viscosity, Saybolt (Base Fluid)	ASTM D445	
SUS at 100°F		603
SUS at 210°F		88
Viscosity Index (Base Oil)	ASTM D2270	150
Bearing Rust Protection	ASTM D1743	Pass
Four-Ball		
Wear, 165°F, 1200 rpm, 40 kg	ASTM D2266	0.34
Extreme Pressure	ASTM D2596	
Load Wear Index, kg		50
Last Nonseizure Load, kg		126
Weld Point, kg		200
Low Temperature Torque, -40°F, Nm	ASTM D4693	
Starting		1.4
Running		0.9
U.S. Steel Pumpability, -40°F,	U.S. Steel	
Grams per minute at		
50 psi		0.4
100 psi		7.7
150 psi		13.3
Texture		Smooth, Semifluid
Color		Gold

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.

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

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