



DELO[®] SYNTHETIC GREASE SF

PRODUCT DESCRIPTION

Delo[®] Synthetic Grease SF is a high performance grease specifically engineered for trailer wheel-ends operating in a wide range of conditions.

CUSTOMER BENEFITS

Delo Synthetic Grease SF 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**

FEATURES

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

Delo Synthetic Grease SF 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 Synthetic Grease SF is formulated to perform in demanding conditions of high and low temperatures. The polyurea thickener in Delo Synthetic Grease SF 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 Synthetic Grease SF to operate at temperatures as low as -45°C (-50°F).

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

12 June 2013
GR-37

© 2007-2013 Chevron U.S.A. Inc. All rights reserved.

Chevron, the Chevron Hallmark and Delo are trademarks owned by Chevron Intellectual Property LLC. All other trademarks are property of their respective owners.

APPLICATIONS

Trailer lubrication — Delo Synthetic Grease SF 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.

TYPICAL TEST DATA

NLGI Grade	Method	SF
<i>Product Number</i>		235253
<i>SDS Number</i>		7750
Operating Temperature, °C(°F) Minimum ^a Maximum ^b		-45(-50) 190(375)
Penetration, at 25°C(77°F) Unworked Worked	ASTM D217	365 380
Dropping Point, °C(°F)	ASTM D2265	230(446)
Timken OK Load, lb	ASTM D2509	45
Thickener, % Type		9 Polyurea
Viscosity, Kinematic (Base Fluid) cSt at 40°C cSt at 100°C	ASTM D445	130 17.6
Viscosity, Saybolt (Base Fluid) SUS at 100°F SUS at 210°F	ASTM D445	603 88
Viscosity Index (Base Oil)	ASTM D2270	150
Bearing Rust Protection	ASTM D1743	Pass
Four-Ball Wear, 165°F, 1200 rpm, 40 kg Extreme Pressure Load Wear Index, kg Last Nonseizure Load, kg Weld Point, kg	ASTM D2266 ASTM D2596	0.34 50 126 200
Low Temperature Torque, -40°F, Nm Starting Running	ASTM D4693	1.4 0.9
U.S. Steel Pumpability, -40°F, Grams per minute at 50 psi 100 psi 150 psi	U.S. Steel	0.4 7.7 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.

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

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.