Delo Syn-Gear XS SAE 75W-140

Premium performance fully synthetic automotive gear oil

Product description

Delo® Syn-Gear XS SAE 75W-140 is a high-performance synthetic automotive gear lubricant suitable for use in heavy-duty driven axles and differentials of passenger cars and commercial vehicles.

It is formulated with fully synthetic base oils in combination with a high-performance additive system.

Customer benefits

- Designed to offer long drain capabilities, reducing service maintenance and downtime
- Helps provide improved fuel economy
- High performance EP additives promote protection against scuffing and wear, under low speed/high torque and shock conditions
- Low temperature fluidity assists rapid lubricant circulation and system protection during cold starts
- High VI formulation aids effective high temperature viscosity retention, lubrication performance and system protection
- Robust oxidation stability assists in-service oil thickening resistance, keeping components clean and free from harmful deposits

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Product highlights

- **Designed to offer long drain capabilities**
- **Improved fuel economy**
- **Formulated for protection against scuffing and wear**
- **Aids system protection during cold-starts**
- **High VI formulation**
- **Helps keep components clean and deposit free**

Selected specification standards include:

API	Ford
Mack	Meritor
SAE	Scania
US Military	ZF

Applications

- Delo Syn-Gear XS SAE 75W-140 is suitable for use in API GL-5 applications that require a high-viscosity product. Delo Syn-Gear XS SAE 75W-140 is also recommended for use in applications that require a lubricant conforming to Ford specification WSL-M2C192-A, such as the differentials of Jaguar cars and Ford Transit vans.
- The friction characteristics of Delo Syn-Gear XS SAE 75W-140 make it generally unsuitable for use in synchronized manual transmissions and transaxles, and it should not be used in these applications unless a GL-5 fluid is specifically recommended.

Approvals, performance and suitable for use

Approvals

- Scania STO 2:0 A
- ZF TE-ML 05A [1]
- ZF TE-ML 12S [1]
- ZF TE-ML 16F [1]
- ZF TE-ML 21A [1]

Performance

- API GL-5
- API MT-1
- Ford WSL-M2C192-A
- Mack GO-J
- Meritor O76-M, O-94
- SAE J2360
- Scania STO 1:0
- US Military MIL-PRF-2105E
- ZF TE-ML 07A [2]

Suitable for Use

- ZF TE-ML 05B [4]
- ZF TE-ML 07A
- ZF TE-ML 19C [5]
- ZF TE-ML 12B [3]
- ZF TE-ML 12N [3]
- ZF TE-ML 21B [4]

[1] ZF registration number: ZF002274.

[2] Products meeting the necessary performance requirements for these standards are approved for use by ZF, but there is no product listing.

[3] ZF has transferred this approval from TE-ML 12B to a new class, TE-ML 12N, which is a higher performance level.

[4] In April 2017, ZF combined class TE-ML 05B with class TE-ML 05A, and class TE-ML 21B with class TE-ML 21A.

[5] Formerly approved, but ZF has revised the viscosity class requirements – SAE 75W-140 products are no longer approved.

Typical test data

Test	Test methods	Results
Shelf Life: 60 months from date of filling indicated on the product label.		
Density, 15°C, kg/l	ASTM D4053	0.867
Flash Point COC, °C	ASTM D92	185
Pour Point, °C	ASTM D5950	-46
Viscosity, Kinematic, 100°C, mm^2/s	ASTM D445	26
Viscosity, Kinematic, 40°C, mm^2/s	ASTM D445	185
Viscosity Index	ASTM D2270	169
FZG Gear Wear Test A/8.3/90, Failure load stage	CEC L7A95	>12
FZG Shock Test S A10/16.6R/90, Failure load stage	FVA 243	>12

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.

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.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see www.texacolubricants.com.

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