



Delo® Syn-Gear XS SAE 75W-140

(Formerly: Multigear S SAE 75W-140)

Product Data Sheet

Product description

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

This fully synthetic gear lubricant is formulated with advanced EP additives to promote high performance protection.

Customer benefits

- Designed to offer long drain capabilities, reducing service maintenance and downtime
- Helps provide improved fuel economy particularly when used in Scania axle gears
- High performance Extreme Pressure additives provide exceptional protection against component scuffing and wear, even under low speed-high torque and shock loading conditions
- Excellent low-temperature fluidity, providing component protection by allowing fast oil circulation during cold weather start-up
- High Viscosity Index and excellent shear stability, ensuring that the viscosity and film thickness will be sufficient for effective lubrication - even at high operating temperatures - throughout the fluid's lifetime.
- Good oxidation stability, preventing oil thickening during service and formation of harmful varnish and deposits
- Compatible with a wide variety of elastomer materials, preventing loss of fluid due to seal deterioration
- Rust and corrosion protection, protecting ferrous and yellow metal components of gears and bearings
- Good resistance to foaming

Product highlights:

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



Applications

Delo Syn-Gear XS SAE 75W-140 is suitable for use in API GL 5 applications that require a high-viscosity product. It is being approved against Scania STO 2:0 A, which is a Scania axle oil requirement that gives high fuel efficiency and extended drain interval. It may also be used in Scania transmissions when the ambient temperature is between -25°C and +30°C. 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 recommendations

Approvals

Scania	STO 1:0 *
Scania	STO 2:0A *
ZF	TE-ML 05A ^[1]
ZF	TE-ML 12N ^[1]
ZF	TE-ML 16F ^[1]
ZF	TE-ML 19C ^[1]
ZF	TE-ML 21A ^[1]

Performance

API	GL-5
API	MT-1
Ford	WSL-M2C192-A
Mack	GO-J
Meritor	O76-M
SAE	J2360
US Military	MIL-PRF-2105E
ZF	TE-ML 07A ^[2]

Recommendations

ZF	TE-ML 05B ^[4]
ZF	TE-ML 12B ^[3]
ZF	TE-ML 21B ^[4]

* Approval is being obtained. An existing approval is in place under the former product name Multigear S SAE 75W-140.

^[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.

Typical key properties

DELO® SYN-GEAR XS SAE 75W-140	
SAE Grade	75W-140
Product Code	510472
Density, 15°C, kg/l	0.867
Flash Point COC, °C	185
Pour Point, °C	-46
Viscosity, Kinematic,	
mm ² /s @ 100°C	26
mm ² /s @ 40°C	185
Viscosity Index	169
Phosphorus, %w	0.14
Sulphur, %w	2.29

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ENVIRONMENT, HEALTH and SAFETY

Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit: www.CaltexDelo.com.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by:
Chevron Lubricants
– Asia Pacific