



Multigear[®] S SAE 75W-140

Premium performance synthetic automotive gear lubricant

Product description

Multigear S SAE 75W-140 is a premium performance synthetic automotive gear lubricant formulated for use in heavy-duty driven axles and differentials in 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 EP additives promote protection against scuffing and wear, under low speed/high torque and shock conditions
- Reliable 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 deposit

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**

Selected specification standards include:

API	Ford
Mack	Meritor
SAE	Scania
US Military	ZF

Applications

- Multigear S SAE 75W-140 is suitable for use in API GL-5 applications that require a high-viscosity product. It is 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. Multigear S 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 Multigear S 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 05B ^[1]
- ZF TE-ML 12N ^[1]
- ZF TE-ML 16F ^[1]
- ZF TE-ML 19C ^[1]
- ZF TE-ML 21B ^[1]

Performance

- API GL-5
- API MT-1
- Ford WSL-M2C192A
- Mack GO-J
- Meritor O76-M
- SAE J2360
- US Military MIL-PRF-2105E
- ZF TE-ML 07A ^[2]

Recommendations

- ZF TE-ML 12B ^[3]

^[1] ZF registration number: ZF001638.

^[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 to the new class TE-ML 12N, which is a higher performance level.

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 D97	-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 information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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