

TECHNICAL PRODUCT SHEET

EVO GEAR XL

75W—80



DESCRIPTION

GEAR SYN XL is a premium performance manual transmission fluid formulated with an advanced anti-wear and extreme pressure additive system that ideally matches the very high-quality synthetic base stock to provide excellent shifting performance, low temperatures fluidity or/and high temperature viscosity retention in API GL-4 service level transmissions. Due to its superior thermal and oxidation stability properties, the transmission's lifecycle and service needs as well as prolonged drain intervals are ensured.

APPLICATIONS

EVO GEAR XL is designed for commercial vehicles equipped with synchronized or automated manual transmissions operating under severe speed, load, or temperature conditions. It serves as an excellent Manual Transmission Fluid (MTF), meeting the service-fill requirements of transmissions from leading OEMs such as ZF (manual synchromesh Ecolite, Ecomid, and Ecosplit units with or without Intarder, as well as AS-/TC-Tronic automated transmissions), DAF, MAN, Iveco, Renault, Eaton, and others. The formulation supports extended drain intervals of up to 300,000 km or 3 years, ensuring reliable performance and reduced maintenance downtime.

SPECIFICATIONS

API	GL-4	ZF	TE -ML 08
MAN	341 Type Z-4 (<i>Approved</i>)	MAN	341 Type E-3
ZF	TE-ML 01L (<i>Approved</i>)	Volvo	97305
ZF	TE-ML 02L (<i>Approved</i>)	Eaton	Europe (300.000km/3 years)
ZF	TE-ML 13 (<i>Approved</i>)	OEM	IVECO, DAF
ZF	TE-ML 16K (<i>Approved</i>)	Renault Trucks	B0032/2 Annex 3

PROPERTIES

EVO GEAR XL is formulated to deliver exceptional extreme-pressure performance and superior load-carrying capability, ensuring reliable operation under demanding conditions. Its advanced resistance to oxidation at high temperatures supports stability during high-speed operation, while excellent low-temperature fluidity secures smooth start-up and lubrication in cold climates. The formulation provides enhanced protection against corrosion of copper and its alloys and offers extended service capability, contributing to longer component life and reduced maintenance requirements.

BENEFITS

EVO GEAR XL provides excellent wear protection even in the most severe operating conditions, supporting long drain intervals and extended component life. Its optimized frictional properties enable easy, smooth shifting and quick start-up performance, while helping to prolong synchronizer lifespan. The formulation contributes to effective control of maintenance and operating costs, delivering reliable and efficient gearbox performance across a wide range of applications.



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PHYSICAL-CHEMICAL CHARACTERISTICS

EVO GEAR XL	METHOD	SAE 75W-80
Density at 15°C, g/cm ³	ASTM D4052	0.854
Viscosity, Kinematic (cSt) 40°C	ASTM D445	55.5
Viscosity, Kinematic (cSt) 100°C	ASTM D445	9.5
Viscosity index	ASTM D2270	155
Flash point, COC, °C	ASTM D92	222
Pour point, °C	ASTM D97	-42

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

