

## Q8 Gear Oil XG 80W-90

Advanced SAE J2360 gear and axle fluid

### Description

Q8 Gear Oil XG 80W-90 is an advanced universal gear and axle fluid, especially formulated for use in both axles and synchronised as well as non-synchronised manual transmissions. This product offers protection against sludge formation and abrasive deposits and is compatible with seal materials, providing continuous lubrication and prohibiting oil leakages.

### Applications

Q8 Gear Oil XG 80W-90 exceeds the API GL-4 and GL-5 specifications by meeting the rigorous requirements of SAE J2360 and top European OEMs such as Scania and MAN. This lubricant has one of the broadest ZF approval ranges, satisfying commercial fleet requirements.

### Benefits

- Excellent easy gear shifting at low temperatures.
- Outstanding protection against wear and extends component life.
- Superb gear protection under heavy duty conditions.
- Outstanding protection against rust and corrosion.

### Specifications / Recommendations / Approvals

API	GL-4	ZF	TE ML 07A
API	GL-5	ZF	<b>TE-ML 02B</b>
API	MT-1	ZF	<b>TE-ML 05A</b>
Iveco	18-1807 MG	ZF	<b>TE-ML 12L</b>
Iveco	18-1807 MGM	ZF	<b>TE-ML 12M</b>
MAN	341 Type E2	ZF	<b>TE-ML 16B</b>
MAN	<b>341 Type Z2</b>	ZF	TE-ML 17B
MAN	<b>342 Type M2</b>	ZF	<b>TE-ML 17H</b>
SAE	J 2360	ZF	<b>TE-ML 19C</b>
Scania	<b>STO 1:0</b>	ZF	<b>TE-ML 21A</b>

Color code blue = officially approved

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,896
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	145
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	15.2
Viscosity Grade	-	-	SAE 80W-90
Viscosity Index	D 2270	-	101
Brookfield Viscosity, -26 °C	D 2983	mPa.s	129
Pour Point	D 97	°C	-24
Flash Point, COC	D 92	°C	200

The figures above are not a specification. They are typical figures obtained within production tolerances.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Gear Oil XG 80W-90 is **1.29** kg CO<sub>2</sub>eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



**we  
take  
care**

PRODUCT CARBON FOOTPRINT  
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:  
ISO 14067 | ATIEL-UEIL PCF

