

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	Scania	STO 1:1 G *
API	GL-5	ZF	TE-ML 02B
API	MT-1	ZF	TE-ML 05A
Iveco	18-1807 MG	ZF	TE-ML 07A
Iveco	18-1807 MGM	ZF	TE-ML 12L
MAN	341 Type E2	ZF	TE-ML 12M
MAN	341 Type Z2	ZF	TE-ML 16B
MAN	342 Type M2	ZF	TE-ML 17B
MB	235.0 (DTFR 12B100)	ZF	TE-ML 17H
SAE	J 2360	ZF	TE-ML 19B
Scania	STO 1:0	ZF	TE-ML 21A

Color code blue = officially approved

* Pending approval

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,896
Kinematic Viscosity, 40 °C	D 445	mm ² /s	145
Kinematic Viscosity, 100 °C	D 445	mm ² /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 CO₂eq / 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](#)



PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

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

