

## Q8 Axle Oil M 80W-90

API GL-5 axle fluid for Mercedes-Benz and ZF

### Description

Q8 Axle Oil M 80W-90 is an advanced heavy duty gear lubricant. The specifically selected base oils and additives offer optimum lubrication in extreme pressure and shock loading situations. This product is recommended for heavy duty axles requiring API GL-5 specification.

### Applications

Q8 Axle Oil M 80W-90 is recommended for heavy duty components such as rear axles, final drives or differentials, especially those with hypoid gears. It meets the API GL-5 specification and is applicable for on- and off-highway, construction, light and heavy duty trucks and commercial vehicles, operating under high speed/shock load, high speed/low torque or low speed/high torque conditions. Approved for Mercedes-Benz and ZF

### Benefits

- Exceptional wear protection under heavy duty operating conditions.
- Extends axle life
- Outstanding elastomer compatibility
- Outstanding protection against rust and corrosion.
- Outstanding axle wear protection.

### Specifications, recommendations and approvals

API	GL-5	MIL	L-2105D
British Ministry of Defence	CS 3000B	Rockwell International	O-76
Case	MS 1316	VME Americas	EEMS 19003F
Clark	ALC-1 5M 7-80 KE	Volvo	97310
Clark	MS-8 Rev. 1	ZF	TE-ML 07A
Clark	TLC-25 3M 8-83	ZF	TE-ML 08
DAF		ZF	TE-ML 16B
Eaton/Fuller	Form 121	ZF	TE-ML 17B
Ford	SM-2C-1011A	ZF	TE-ML 21A
MB	<b>235.0 (DTFR 12B100)</b>		

Color code blue = officially approved

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,896
Viscosity Grade	-	-	80W-90
Kin. Viscosity Base Oil at 40 °C	D 445	mm <sup>2</sup> /s	130
Kin. Viscosity Base Oil at 100 °C	D 445	mm <sup>2</sup> /s	16.5
Viscosity Index	D 2270	-	136
Brookfield Viscosity, -26 °C	D 2983	mPa.s	40
Flash Point, P-M	D 93	°C	215
Pour Point	D 97	°C	-39

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 Axle Oil M 80W-90 is **1.33** 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

