

Q8 T 55 80W-90

API GL-5 axle fluid

Description

Q8 T 55 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 T 55 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.

Benefits

- Exceptional wear protection under heavy duty operating conditions.
- Outstanding protection against wear and extends component life.
- Superb gear protection under shock load conditions.
- Outstanding protection against rust and corrosion.
- Improved shear stability for a stable viscosity during use

Specifications, recommendations and approvals

API	GL-5	MIL	L-2105B
Case	MS 1316	MIL	L-2105D
Clark	ALC-1 5M 7-80 KE	Rockwell International	O-76
Clark	MS-8 Rev. 1	Volvo	97310
Clark	TLC-25 3M 8-83	ZF	TE-ML 05A
Ford	SM-2C-1011A	ZF	TE-ML 07A
Ford	SQM-2C9002-AA	ZF	TE-ML 12A
Iveco	18-1805 RAM1	ZF	TE-ML 16B
John Deere	JDM J11E	ZF	TE-ML 16C
Komatsu Dresser	B22-0003	ZF	TE-ML 17B
Komatsu Dresser	B22-0005	ZF	TE-ML 19B
MAN	342 Type M1	ZF	TE-ML 21A
MB	235.0 (DTFR 12B100)		

Color code blue = officially approved

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,902
Density, 20 °C	D 4052	g/ml	0,898
Viscosity Grade	-	-	SAE 80W-90
Kinematic Viscosity, 40 °C	D 445	mm ² /s	146,3
Kinematic Viscosity, 100 °C	D 445	mm ² /s	15,5
Viscosity Index	D 2270	-	100
Brookfield Viscosity, -26 °C	D 2983	mPa.s	135
Pour Point	D 97	°C	-27
Flash Point, P-M	D 93	°C	205
Flash Point, COC	D 92	°C	218

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

Remarks

Product Data Sheet includes a selection of specifications, for full overview please consult the Q8Oils website.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 T 55 80W-90 is **1.28** 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](#)



**we
take
care**

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

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

