PRODUCT DATA SHEET

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	**MB**	235.0 (DTFR 12B100)
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**

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*	*mm²/s*	*146,3*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/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 CO_2eq / 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

VINÇOTTE