

# 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

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

Color code blue = officially approved

## Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,896
Density, 20 °C	D 4052	g/ml	0,892
Viscosity Grade	-	-	SAE 80W-90
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	139.5
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	14.38
Viscosity Index	D 2270	-	99
Brookfield Viscosity, -26 °C	D 2983	Pa.s	135
Pour Point	D 97	°C	-27
Flash Point, P-M	D 93	°C	178
Flash Point, COC	D 92	°C	218
Copper Strip, 3 h, 100 °C	D 130	-	1

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.*