

# OEM SPECIFIC

## SAE 80W ZF GL 4

*This is a manual transmission oil with moderate extreme pressure characteristics blended with mineral base oils to meet the requirements of Mercedes Benz and ZF. Specifically selected additives impart good anti-wear, oxidation-stability, anti-foam and anti-rust properties. Reduces drag and permits smooth gear changes during cold start conditions.*

### APPLICATIONS

*Transmission oil suitable for the lubrication of manual synchromes gear boxes, transfer boxes and mechanical steering controls. This oil is specifically blended to meet the requirements of Daimler AG and ZF.*

### FEATURES

*Frictional properties: very smooth gear shifting, no vibration.*

*Anti-wear protection: significantly extended transmission life.*

*Extended oil life: excellent thermal and oxidation stability.*

### SPECIFICATION LEVEL

<b>API</b>	GL-4	<b>ZF</b>	19C
<b>MAN</b>	341 E-1	<b>ZF</b>	TE-ML 16A
<b>MAN</b>	341 Z-2	<b>ZF</b>	TE-ML 17A
<b>MB</b>	Approval 235.1	<b>ZF</b>	TE-ML 19C
<b>ZF</b>	TE-ML 02B		

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.893
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	89.6
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	10.6
Viscosity index	ASTM D2270		101
Pour point	ASTM D6892	°C	-30
Flash Point COC	ASTM D92	°C	215

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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