

CHAMPION 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 syncromes 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

SPECIFICATIONS

API	GL-4	MB	235.5
DTFR	13B170	ZF	TE-ML 02B
DTFR	approval 13B100	ZF	TE-ML 16A
MAN	341 E-1	ZF	TE-ML 17A
MAN	341 Z-2	ZF	TE-ML 19C
MB	235.1		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.893
Kinematic viscosity at 40°C	ASTM D445	mm²/s	89.6
Kinematic viscosity at 100°C	ASTM D445	mm²/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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