

NEW ENERGY

80W90 GL 5

This is a synthetic based lubricant for transmissions, which distinguishes itself from the classic, hypoid GL 5-oils by its multifunctional character and its exceptional oxidation and thermal stability.

APPLICATIONS

It is specifically recommended for all manual gear boxes and final drives of heavy vehicles and trucks. Owing to its universal character, it can be used without any problems for all transmission parts, where API GL 4- or GL 5-oils is recommended.

FEATURES

Frictional properties : very smooth gear shifting, no vibration.

Extended oil life : optimized thermal and oxidation stability.

Anti-wear protection : long transmission life.

SPECIFICATION LEVEL

API	MT-1	SCANIA	STO 1:0
API	GL-5	ZF	TE-ML 02B
API	GL-4	ZF	TE-ML 05A
ARVIN MERITOR	0-76-N	ZF	TE-ML 07A
DAF	GL5/MIL-PRF-2105E	ZF	TE-ML 08
IVECO	MIL-PRF-2105E	ZF	TE-ML 12E
MACK	GO-J	ZF	TE-ML 12L
MAN	342 M-2	ZF	TE-ML 12M
MAN	341 E-2	ZF	TE-ML 16B
MAN	341 Z-2	ZF	TE-ML 16C
MB	235.0	ZF	TE-ML 16D
MIL	PRF-2105E	ZF	TE-ML 17B
RENAULT	B0032/3 Annex 3	ZF	TE-ML 19B
SAE	J 2360	ZF	TE-ML 21A
SCANIA	STO:1		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.908
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	135
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	14.5
Viscosity index	ASTM D2270		107
Pour point	ASTM D6892	°C	-36
Flash Point COC	ASTM D92	°C	200

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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