

CHAMPION 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

PERFORMANCE

API	GL-4	SCANIA	STO 1:0
API	GL-5	ZF	TE-ML 02B
API	MT-1	ZF	TE-ML 05A
MIL	PRF-2105E	ZF	TE-ML 07A
SAE	J 2360	ZF	TE-ML 08
ARVIN MERITOR	0-76-N	ZF	TE-ML 12E
DAF	GL5/MIL-PRF-2105E	ZF	TE-ML 12L
DAIMLER TRUCK	DTRF 12B100	ZF	TE-ML 12M
IVECO	MIL-PRF-2105E	ZF	TE-ML 16B
MACK	60-J	ZF	TE-ML 16C
MAN	341 E-2	ZF	TE-ML 16D
MAN	341 Z-2	ZF	TE-ML 17B
MAN	342 M-2	ZF	TE-ML 19B
MB	235.0	ZF	TE-ML 21A
RENAULT	B0032/3 Annex 3		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.896
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.

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

www.championlubes.com

