

# CHAMPION NEW ENERGY

## 75W90 GL 5

This is a full synthetic lubricant based on carefully selected very high quality base oils, which can be used in a wide field of applications. Because of its special composition, it is particularly suited for synchronized gear boxes, as well as heavily loaded differentials.

### APPLICATIONS

This oil is recommended for all components of mechanical transmissions [gear boxes, transfer boxes, differentials, etc.] of trucks and four-wheel drive vehicles.

### FEATURES

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

*Anti-wear and oxidation stability: superior protection of critical parts*

*Extended oil life: excellent thermal and oxidation stability*

### SPECIFICATIONS

API	GL-4	ZF	TE-ML 16F
API	GL-5	ZF	TE-ML 17B
API	MT-1	ZF	TE-ML 19C
MIL	PRF-2105E	ZF	TE-ML 21B
SAE	J 2360		
ARVIN MERITOR	0-76-N		
BMW	OSP		
CHRYSLER	MS 9763		
DAF	GL5/MIL-PRF-2105E		
DAIMLER TRUCK	DTFR 12B110		
DAIMLER TRUCK	DTFR 12B140		
DAIMLER TRUCK	DTFR 13B110		
IVECO	MIL-PRF-2105E		
MACK	GO-J		
MAN	341 E-3		
MAN	341 GA1		
MAN	341 Z-2		
MAN	342 M-3		
MB	235.11		
MB	235.20		
MB	235.8		
RENAULT	B0032/3 Annex 3		
SCANIA	ST0 1:0		
VOLVO	97312		
ZF	TE-ML 02B		
ZF	TE-ML 05B		
ZF	TE-ML 07A		
ZF	TE-ML 08		
ZF	TE-ML 12B		
ZF	TE-ML 12L		
ZF	TE-ML 12N		

#### CHAMPION CHEMICALS NV

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[www.championlubes.com](http://www.championlubes.com)





## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.862
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	70.2
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	15.0
Viscosity index	ASTM D2270		226
Pour point	ASTM D6892	°C	-42
Brookfield viscosity at -40°C	ASTM D2983	mPa.s	80000

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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