

# CHAMPION OEM SPECIFIC

## 75W90 GL 5

This is a full synthetic lubricant based on high-quality PAO base oils. It offers advanced protection of all components, even when operating under high-speed/shock-load or low-speed/high-torque conditions. The SAE J2360 specification displays this lubricant's outstanding quality.

### APPLICATIONS

This OEM approved gear oil is recommended for all components of mechanical transmissions of HD vehicles. This is shown by the product's ZF specifications, which means that it can be used to service vehicles containing ZF driveline components like final drives or half-shafts. It is also designed to meet the SCANIA ST0 2: 0A FS and recent MAN, Volvo and MB driveline specifications.

### FEATURES

Advanced friction properties: vibration free power transfer

Extremely high quality base oils: optimal oil performance in-between oil changes

Improved oil stability: complete protection of critical parts, even under high-load conditions

### SPECIFICATIONS

API	GL-4	ZF	approval TE-ML 05A
API	GL-5	ZF	approval TE-ML 12L
API	MT-1	ZF	approval TE-ML 12N
SAE	approval J 2360	ZF	approval TE-ML 16F
BMW	33 11 7 695 240	ZF	approval TE-ML 17B
BMW	83 22 2 148 570	ZF	approval TE-ML 19C
BMW	83 22 2 365 987	ZF	approval TE-ML 21A
BMW	83 22 9 407 768		
BMW	OSP		
CHRYSLER	MS 9763		
DAF	MEET REQUIREMENTS		
DAIMLER TRUCK	approval DTFR 12B140		
DAIMLER TRUCK	DTFR 12B110		
DAIMLER TRUCK	DTFR 13B110		
IVECO	MEET REQUIREMENTS		
MAN	341 GA1		
MAN	341 GA2		
MAN	341 Z2		
MAN	342 M-3		
MAN	approval 342 S1		
MB	235.11		
MB	235.20		
MB	approval 235.8		
SCANIA	approval ST0 1:0		
SCANIA	approval ST0 2:0A FS		
SCANIA	ST0 1:1G		
SCANIA	ST0 2:0 G		
VOLVO	approval 97312		
ZF	approval TE-ML 02B		

#### CHAMPION CHEMICALS NV

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## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.868
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	105
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	15.5
Viscosity index	ASTM D2270		158
Pour point	ASTM D6892	°C	-61
Brookfield viscosity at -40°C	ASTM D2983	mPa.s	65000
Flash Point COC	ASTM D92	°C	202

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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