

# CHAMPION LIFE EXTENSION

## 80W-90 GL 5

This is an extreme-pressure lubricant for gear boxes, specifically formulated to satisfy the highest service conditions: high speed, shockloads and high torque at low speeds.

### APPLICATIONS

Recommended for all hypoid transmissions and also suitable for spiral bevel gears, worm wheels and most transaxles.

### FEATURES

Frictional properties: easy gear shifting

Anti-wear protection: long transmission life

### SPECIFICATIONS

<b>API</b>	GL-5	<b>ZF</b>	TE-ML 12E
<b>MIL</b>	L-2105 C	<b>ZF</b>	TE-ML 16B
<b>MIL</b>	L-2105 D	<b>ZF</b>	TE-ML 16C
<b>MAN</b>	342 M-1	<b>ZF</b>	TE-ML 17B
<b>MAN</b>	342 M-2	<b>ZF</b>	TE-ML 19B
<b>ZF</b>	TE-ML 05A	<b>ZF</b>	TE-ML 21A
<b>ZF</b>	TE-ML 07A		

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.896
Kinematic viscosity at 40°C	ASTM D445	mm²/s	147
Kinematic viscosity at 100°C	ASTM D445	mm²/s	14.7
Viscosity index	ASTM D2270		99
Pour point	ASTM D6892	°C	-33
Brookfield viscosity at -26 C	ASTM D2983	mPa.s	120000
Flash Point COC	ASTM D92	°C	210

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

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