

# CHAMPION NEW ENERGY 5W40 B4 DIESEL

*This is a full synthetic lubricant based on carefully selected very high quality base oils and additives of the latest generation, specially designed to meet the strict requirements of manufacturers. These provide an excellent fluidity at low temperatures, a very low resistance when starting, an exceptional viscosity index and a very high thermal stability.*

## APPLICATIONS

*This oil is specially developed for diesel engines of passenger cars with turbo and direct fuel injection. The high quality allows extended drain intervals, according to the specific requirements of manufacturers. High compatibility with biodiesel, based on extensive field trials.*

## FEATURES

*Total engine protection: outstanding engine cleanliness and durability*

*Cold start: excellent fluidity at low temperature*

*Drain interval extension: longer oil drain interval*

## SPECIFICATIONS

<b>VW</b>	505 00	<b>API</b>	SN/CF
<b>VW</b>	502 00	<b>PSA</b>	B71 2296
<b>ACEA</b>	A3/B4-10	<b>OPEL</b>	GM-LL-B-025
<b>RENAULT</b>	RN 0700	<b>PORSCHE</b>	A40
<b>RENAULT</b>	RN 0710	<b>MB</b>	226.5
<b>BMW</b>	LOGLIFE-01	<b>MB</b>	229.3

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.858
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	83.3
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.8
Viscosity index	ASTM D2270		170
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	10.5
Pour point	ASTM D6892	°C	-39
CCS viscosity at -30°C	ASTM D5293	mPa.s	6100
Sulfated Ash	ASTM D874	Mass %	1.27
Flash Point COC	ASTM D92	°C	220

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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