

# CHAMPION NEW ENERGY 10W40 EXTRA

This is a synthetic base lubricant based on carefully selected highly refined base oils. This oil can be used for all modern gasoline and diesel engines of passenger cars, trucks, off-road equipment and other heavy material. It is particularly suited for use with lower quality fuels, with high sulphur content. It provides excellent protection against deposits in oil pipes, turbo's and provides improved protection against camshaft wear.

## APPLICATIONS

Universal synthetic base engine oil with higher TBN designed to meet the latest specifications of both European and American manufacturers of passenger cars and heavy diesel engines. This oil is suitable for low-emission engines (Euro II, Euro III and some Euro IV engines). It is not suitable for Euro IV, V, VI engines with particulate filter.

## FEATURES

Total engine protection: outstanding engine cleanliness and durability  
Cold start: very good fluidity at low temperature

## SPECIFICATIONS

<b>ACEA</b>	A3/B4	<b>GLOBAL</b>	DHD-1
<b>ACEA</b>	E7-08 Issue 2	<b>MACK</b>	EO-M PLUS
<b>API</b>	CI-4/SL	<b>MACK</b>	EO-N
<b>JASO</b>	DH-1	<b>MAN</b>	M3275-1
<b>ALLISON</b>	C4	<b>MB</b>	229.1
<b>CUMMINS</b>	CES 20076	<b>MTU</b>	Oil Category 2
<b>CUMMINS</b>	CES 20077	<b>RENAULT</b>	RLD
<b>CUMMINS</b>	CES 20078	<b>RENAULT</b>	RLD-2
<b>DETROIT DIESEL</b>	DFS 93K215	<b>VOLVO</b>	VDS-3
<b>DEUTZ</b>	DQC-III-10		

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.869
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	90.7
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.8
Viscosity index	ASTM D2270		156
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	15.5
Pour point	ASTM D6892	°C	-45
CCS viscosity at -25°C	ASTM D5293	mPa.s	6000
Flash Point COC	ASTM D92	°C	230

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

