

# CHAMPION NEW ENERGY

## 15W40 EXTRA

Universal mineral engine oil with higher TBN designed to meet the latest specifications of both European and American manufacturers of 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 engines with particulate filter. It provides excellent protection against deposits an improved protection against camshaft wear and it allows very long drain intervals.

### APPLICATIONS

This oil can be used for all modern diesel engines of trucks, off-road equipment and other heavy material. It is particularly suited for use with lower quality fuels, with high sulphur content.

### FEATURES

Total engine protection: outstanding engine cleanliness and durability

### SPECIFICATIONS

<b>ACEA</b>	A3/B4	<b>VOLVO</b>	VDS-3
<b>ACEA</b>	E7		
<b>API</b>	CF-4		
<b>API</b>	CG-4		
<b>API</b>	CH-4		
<b>API</b>	CI-4/SL		
<b>JASO</b>	DH-1		
<b>ALLISON</b>	C4		
<b>CATERPILLAR</b>	ECF-1a		
<b>CATERPILLAR</b>	ECF-2		
<b>CATERPILLAR</b>	T0-2		
<b>CUMMINS</b>	CES 20076		
<b>CUMMINS</b>	CES 20077		
<b>CUMMINS</b>	CES 20078		
<b>DETROIT DIESEL</b>	DFS 93K215		
<b>DEUTZ</b>	DQC-III-10		
<b>DEUTZ</b>	DQC-III-18		
<b>DTFR</b>	15B110		
<b>GLOBAL</b>	DHD-1		
<b>IVECO</b>	18-1804 Classe T2 E7		
<b>MACK</b>	EO-L		
<b>MACK</b>	EO-M PLUS		
<b>MACK</b>	EO-N		
<b>MAN</b>	M3275-1		
<b>MB</b>	229.1		
<b>MTU</b>	Oil Category 1		
<b>MTU</b>	Oil Category 2		
<b>RENAULT</b>	RLD		
<b>RENAULT</b>	RLD-2		

#### CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

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





## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.873
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	100
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	14
Viscosity index	ASTM D2270		142
B.N. (HClO <sub>4</sub> method)	ASTM D2896	mg KOH/g	15.3
Pour point	ASTM D6892	°C	-36
CCS viscosity at -20°C	ASTM D5293	mPa.s	6600
Sulfated Ash	ASTM D874	Mass %	2.24
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

G. Gilliatstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

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

