

# CHAMPION LIFE EXTENSION 15W40

Universal engine oil, 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 and Euro III and some Euro IV engines); it is not suitable for Euro IV engines with particulate filter. It provides excellent protection against deposits in pipes and turbo engine, an improved protection against camshaft wear and it allows very long drain intervals.

## APPLICATIONS

Is used for all modern diesel engines of trucks, off-road equipment and other heavy material. Moreover, it can also be used for all other types of vehicles and cars.

## FEATURES

Total engine protection: performance in keeping the engine clean  
Drain interval extension: very long oil drain interval

## PERFORMANCE

<b>ACEA</b>	A3/B4-10	<b>DEUTZ</b>	DQC II-05
<b>ACEA</b>	E5 Level	<b>MACK</b>	EO-M PLUS
<b>API</b>	CH-4/SJ	<b>MAN</b>	M3275-1
<b>ALLISON</b>	C4	<b>MB</b>	228.3
<b>CATERPILLAR</b>	ECF-1a	<b>MB</b>	229.1
<b>CUMMINS</b>	CES 20071	<b>MTU</b>	Oil Category 2
<b>CUMMINS</b>	CES 20072	<b>RENAULT</b>	RD-2
<b>CUMMINS</b>	CES 20076	<b>VOLVO</b>	VDS-2
<b>CUMMINS</b>	CES 20077		

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.890
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	98
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.8
Viscosity index	ASTM D2270		142
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	10.5
Pour point	ASTM D6892	°C	-36
CCS viscosity at -20°C	ASTM D5293	mPa.s	6300
Sulfated Ash	ASTM D874	Mass %	1.59
Flash Point COC	ASTM D92	°C	221

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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