

# CHAMPION OEM SPECIFIC 10W40 UHPD EXTRA

The state of the art wear-reducing additives contained within this synthetic engine oil are engineered to combine stable oil performance with excellent engine protection, resulting in extended drain intervals. The protective oil film retains its excellent properties over a wide range of temperatures. Furthermore, the engine oil has high shear resistance, cutting down on maintenance costs by further extending drain intervals.

## APPLICATIONS

Both off- and on-road heavy-duty applications with or without turbochargers, superchargers or after-treatment systems can be serviced with this engine oil. It meets the specifications of a wide range of high-demanding specifications including the Volvo VDS-4.5. Thanks to its backward compatibility, this versatile engine oil can be used in both modern and older engines. It is compatible with emission control technology EURO IV, V and VI.

## FEATURES

Aftertreatment protection: full aftertreatment system protection.

Total engine protection: outstanding engine cleanliness and durability.

Fuel economy: lower fuel consumption and CO<sub>2</sub> emissions.

## SPECIFICATIONS

<b>ACEA</b>	E11	<b>DAIMLER TRUCK</b>	approval DTFR 15C110
<b>ACEA</b>	E4	<b>DAIMLER TRUCK</b>	approval DTFR 15C120
<b>ACEA</b>	E6-16	<b>DAIMLER TRUCK</b>	DTFR 13D110
<b>ACEA</b>	E7	<b>DAIMLER TRUCK</b>	DTFR 15C100
<b>ACEA</b>	E8	<b>DETROIT DIESEL</b>	DFS 93K215
<b>ACEA</b>	E9-16	<b>DETROIT DIESEL</b>	DFS 93K218
<b>API</b>	CI-4	<b>DETROIT DIESEL</b>	DFS 93K222
<b>API</b>	CI-4 Plus	<b>DEUTZ</b>	approval DQC-IV-18 LA
<b>API</b>	CJ-4	<b>DEUTZ</b>	DQC IV-10 LA
<b>API</b>	CK-4	<b>DEUTZ</b>	TTCD
<b>JASO</b>	DH-1	<b>FORD</b>	WSS-M2C171-F1
<b>JASO</b>	DH-2-17	<b>IVECO</b>	18-1804 Classe T2 E7
<b>ALLISON</b>	C4	<b>IVECO</b>	18-1804 Classe TLS E6
<b>CASE</b>	MAT 3571	<b>IVECO</b>	18-1804 Classe TLS E9
<b>CASE</b>	MAT 3572	<b>JD</b>	JDQ-78X
<b>CATERPILLAR</b>	ECF-1a	<b>LIEBHERR</b>	LH-00-ENG5C LA
<b>CATERPILLAR</b>	ECF-2	<b>MACK</b>	approval EO-S 4.5
<b>CATERPILLAR</b>	ECF-3	<b>MACK</b>	EO-M PLUS
<b>CATERPILLAR</b>	TO-2	<b>MACK</b>	EO-N
<b>CUMMINS</b>	CES 20076	<b>MACK</b>	EO-N Premium Plus
<b>CUMMINS</b>	CES 20077	<b>MACK</b>	EO-O Premium Plus
<b>CUMMINS</b>	CES 20078	<b>MAN</b>	M3271-1
<b>CUMMINS</b>	CES 20081	<b>MAN</b>	M3477
<b>CUMMINS</b>	CES 20086	<b>MAN</b>	M3575
<b>DAF</b>	EXTENDED DRAIN	<b>MAN</b>	M3775

### CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

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

**CHAMPION**  
LUBRICANTS

<b>MB</b>	228.31	<b>RENAULT</b>	RLD-2
<b>MB</b>	235.28	<b>RENAULT</b>	RLD-4
<b>MB</b>	approval 228.51	<b>RENAULT</b>	RXD
<b>MB</b>	approval 228.52	<b>SCANIA</b>	LA
<b>MTU</b>	approval Oil Category 3.1	<b>VOITH</b>	Retarder Oil Class B
<b>MTU</b>	Oil Category 2.1	<b>VOLVO</b>	approval VDS-4.5
<b>RENAULT</b>	approval RLD-3	<b>VOLVO</b>	VDS-3
<b>RENAULT</b>	RGD	<b>VOLVO</b>	VDS-4
<b>RENAULT</b>	RLD		

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.859
Kinematic viscosity at 40°C	ASTM D445	mm²/s	86.0
Kinematic viscosity at 100°C	ASTM D445	mm²/s	13.3
Viscosity index	ASTM D2270		156
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	13.4
Pour point	ASTM D6892	°C	-36
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.

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