

# CHAMPION OEM SPECIFIC 10W40 ULTRA MS

This is a full synthetic lubricant based on carefully selected very high quality base oils, which satisfies the highest performance standards for large trucks. It can be used for engines equipped with after treatment systems, in combination with low-sulfur diesel (maximum 50 ppm).

## APPLICATIONS

Specifically recommended for large truck engines to satisfy the EURO V-standard and suitable for most Euro VI engines. Perfectly compatible with all after-treatment systems and devices (EGR, SCR, DPF, etc.) in combination with low sulfur diesel (max 50 ppm). Can also be used in older diesel engines (Euro II, III, IV). Also suitable for some gas-powered engines (CNG).

## FEATURES

Aftertreatment protection: full aftertreatment systems protection

Total engine protection: outstanding engine cleanliness and durability

Fuel economy: lower fuel consumption and CO2 emissions

## SPECIFICATIONS

<b>ACEA</b>	E11	<b>MB</b>	226.9
<b>ACEA</b>	E6-16	<b>MTU</b>	approval Oil Category 3.1
<b>ACEA</b>	E7	<b>MTU</b>	Oil Category 2.1
<b>ACEA</b>	E8	<b>RENAULT</b>	approval RLD-2
<b>ACEA</b>	E9-16	<b>RENAULT</b>	RGD
<b>API</b>	approval CI-4	<b>RENAULT</b>	RLD
<b>API</b>	SL	<b>RENAULT</b>	RXD
<b>JASO</b>	DH-1	<b>SCANIA</b>	LA
<b>JASO</b>	DH-2	<b>VOITH</b>	Retarder Oil Class A
<b>ALLISON</b>	C4	<b>VOLVO</b>	approval VDS-3
<b>CATERPILLAR</b>	ECF-1a	<b>WEICHAI</b>	WP7NG Natural Gas Engine
<b>CATERPILLAR</b>	TO-2		
<b>CUMMINS</b>	CES 20076		
<b>CUMMINS</b>	CES 20077		
<b>CUMMINS</b>	CES 20078		
<b>DAF</b>	EXTENDED DRAIN		
<b>DETROIT DIESEL</b>	DFS 93K215		
<b>DEUTZ</b>	approval DQC-IV-18 LA		
<b>DEUTZ</b>	DQC IV-10 LA		
<b>DTFR</b>	13D100		
<b>DTFR</b>	15C100		
<b>DTFR</b>	approval 15C110		
<b>FORD</b>	WSS-M2C171-F1		
<b>IVECO</b>	18-1804 Classe T2 E7		
<b>JD</b>	JDQ-78X		
<b>MACK</b>	approval EO-N		
<b>MACK</b>	EO-M PLUS		
<b>MAN</b>	M3271-1		
<b>MAN</b>	M3477		

### CHAMPION CHEMICALS NV

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





## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.859
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	87.9
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.7
Viscosity index	ASTM D2270		159
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	10.4
Pour point	ASTM D6892	°C	-36
CCS viscosity at -25°C	ASTM D5293	mPa.s	5200
Sulfated Ash	ASTM D874	Mass %	0.99
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.

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