

# 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

ACEA	E11	MB	228.31
ACEA	E6-16	MB	228.51
ACEA	E7	MTU	approval Oil Category 3.1
ACEA	E8	MTU	Oil Category 2.1
ACEA	E9-16	RENAULT	approval RLD-2
API	approval CI-4	RENAULT	RGD
API	SL	RENAULT	RLD
JASO	DH-1	RENAULT	RXD
JASO	DH-2	SCANIA	LA
ALLISON	C4	VOLVO	approval VDS-3
CATERPILLAR	ECF-1a		
CATERPILLAR	TO-2		
CUMMINS	CES 20076		
CUMMINS	CES 20077		
CUMMINS	CES 20078		
DAF	EXTENDED DRAIN		
DAIMLER TRUCK	approval DTFR 15C110		
DAIMLER TRUCK	DTFR 15C100		
DETROIT DIESEL	DFS 93K215		
DEUTZ	approval DQC-IV-18 LA		
DEUTZ	DQC IV-10 LA		
FORD	WSS-M2C171-F1		
IVECO	18-1804 Classe T2 E7		
JD	JDQ-78X		
MACK	approval EO-N		
MACK	EO-M PLUS		
MAN	M3271-1		
MAN	M3477		
MB	226.9		

### 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	0.859
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. (HClO <sub>4</sub> 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.

### CHAMPION CHEMICALS NV

G. Gilliatstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

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

