

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	MAN	M3477
ACEA	E6-16	MB	226.9
ACEA	E7	MB	228.31
ACEA	E8	MB	228.51
ACEA	E9-16	MTU	approval Oil Category 3.1
API	approval CI-4	MTU	Oil Category 2.1
API	SL	RENAULT	approval RLD-2
JASO	DH-1	RENAULT	RGD
JASO	DH-2	RENAULT	RLD
ALLISON	C4	RENAULT	RXD
CATERPILLAR	ECF-1a	SCANIA	LA
CATERPILLAR	TO-2	VOITH	Retarder Oil Class A
CUMMINS	CES 20076	VOLVO	approval VDS-3
CUMMINS	CES 20077	WEICHAH	WP7NG Natural Gas Engine
CUMMINS	CES 20078		
DAF	EXTENDED DRAIN		
DETROIT DIESEL	DFS 93K215		
DEUTZ	approval DQC-IV-18 LA		
DEUTZ	DQC IV-10 LA		
DEUTZ	TTCO		
DTFR	13D100		
DTFR	15C100		
DTFR	approval 15C110		
FORD	WSS-M2C171-F1		
IVECO	18-1804 Classe T2 E7		
JD	JDQ-78X		
MACK	approval EO-N		
MACK	EO-M PLUS		
MAN	M3271-1		

CHAMPION CHEMICALS NV

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www.championlubes.com

CHAMPION
LUBRICANTS



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 ² /s	87.9
Kinematic viscosity at 100°C	ASTM D445	mm ² /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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