

# 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.*

### SPECIFICATION LEVEL

<b>ACEA</b>	E6-12	<b>MAN</b>	Approval M3477
<b>ACEA</b>	E7-12	<b>MAN</b>	M3271-1
<b>API</b>	CI-4	<b>MB</b>	Approval 228.51
<b>CUMMINS</b>	CES 20076	<b>MB</b>	226.9
<b>CUMMINS</b>	CES 20077	<b>MTU</b>	Approval Oil Category 3.1
<b>DAF</b>	MEET REQUIREMENTS	<b>RENAULT</b>	Approval RLD-2
<b>DEUTZ</b>	DQC-III-10 LA	<b>RENAULT</b>	RGD
<b>JASO</b>	DH-2	<b>RENAULT</b>	RXD
<b>MACK</b>	Approval EO-N	<b>VOLVO</b>	Approval VDS-3

### 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	87.9
Kinematic viscosity at 100°C	ASTM D445	mm²/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.

#### CHAMPION CHEMICALS NV

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