

CHAMPION OEM SPECIFIC 10W30 MS

This is a semi synthetic lubricant based on carefully selected highly refined base oils. This is a “Low SAPS” oil, made of a specially customized additive package, in order to meet Euro V, EURO VI and U.S. EPA 07 emission standards. Compared to other motor oils, it offers exceptional protection against wear and guarantees lower pollution. The formulation includes a state of the art friction modifier for improved fuel economy.

APPLICATIONS

Suitable for all four-stroke diesel Euro V and Euro VI engines of trucks, with or without catalysts (e.g. SCR) or particulate filter. Meets most American and European manufacturers requirements and can also be used in older engines (Euro III and IV). This lower viscosity grade has been specifically developed to achieve better fuel economy.

FEATURES

Aftertreatment protection: full aftertreatment system protection
Total engine protection: outstanding engine cleanliness and durability
Fuel economy: lower fuel consumption and CO2 emissions

SPECIFICATIONS

CUMMINS	CES 20081	CATERPILLAR	ECF-2
MACK	approval E0-0 Premium Plus	CATERPILLAR	ECF-3
MTU	Oil Category 2.1	MB	228.31
RENAULT	approval RLD-3	MAN	M3575
VOLVO	approval VDS-4	ACEA	E7-04 Issue 2
API	CJ-4/SN	ACEA	E9
DEUTZ	DQC-III-10 LA		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.860
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	72.5
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	11.5
Viscosity index	ASTM D2270		152
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	8.2
Pour point	ASTM D6892	°C	-36
CCS viscosity at -25°C	ASTM D5293	mPa.s	6000
Sulfated Ash	ASTM D874	Mass %	1.0
Flash Point COC	ASTM D92	°C	224

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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