

# OFFICIALTECH

## 10W30 MS

22/05/2017  
15725

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 CO<sub>2</sub> emissions.

### SPECIFICATION LEVEL

ACEA	E9-12	MACK	Approval EO-O Premium Plus
ACEA	E7-12	MAN	Approval M3575
API	CJ-4/SN	MAN	M3575
CATERPILLAR	ECF-3	MB	228.31
CATERPILLAR	ECF-2	MTU	Oil Category 2.1
CUMMINS	CES 20081	RENAULT	Approval RLD-3
DEUTZ	DQC-III-10 LA	VOLVO	Approval VDS-4

### 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 <sup>2</sup> /s	72.5
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	11.5
Viscosity index	ASTM D2270		152
B.N. (HClO <sub>4</sub> method)	ASTM D2896	mg KOH/g	9.8
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.

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