

CHAMPION OEM LEVEL 5W-30 UHPD

This synthetic based engine oil meets the specifications of a very broad range of different large truck manufacturers. Its low viscosity formulation and advanced friction modifiers allow you to increase fuel efficiency.

APPLICATIONS

This versatile lubricant can be used in a broad range of different EURO V and EURO VI engines. It meets the specifications of different off- and on-road engine manufacturers, such as: Caterpillar, Cummins, DAF, Daimler Truck, Iveco, MAN, Renault, Scania, Volvo, etc.

FEATURES

Low viscosity and excellent friction reduction: increased fuel efficiency
Broad applicability: can be used to service multiple vehicles within one fleet

SPECIFICATIONS

ACEA	E11	MACK	EO-0 Premium Plus
ACEA	E6-16	MACK	EO-S 4.5
ACEA	E7	MAN	M3271-1
ACEA	E9-16	MAN	M3277
API	CI-4	MAN	M3477
API	CJ-4	MAN	M3677
API	CK-4	MB	228.31
JASO	DH-2	MB	228.5
CATERPILLAR	ECF-3	MB	228.51
CUMMINS	CES 20077	MB	228.52
CUMMINS	CES 20081	MB	235.28
CUMMINS	CES 20086	MTU	Oil Category 2.1
DAF	EXTENDED DRAIN	MTU	Oil Category 3
DAF	PSQL 2.1 E	MTU	Oil Category 3.1
DAF	PSQL 2.1 E LD	RENAULT	RGD
DAIMLER TRUCK	DTFR 13D110	RENAULT	RLD
DAIMLER TRUCK	DTFR 15C100	RENAULT	RLD-2
DAIMLER TRUCK	DTFR 15C110	RENAULT	RLD-3
DAIMLER TRUCK	DTFR 15C120	RENAULT	RLD-4
DETROIT DIESEL	DFS 93K218	RENAULT	RXD
DETROIT DIESEL	DFS 93K222	SCANIA	LDF-3 [excl. V8 engines]
DEUTZ	DQC IV-10 LA	SCANIA	LDF-4
DEUTZ	DQC-IV-10	VOITH	Retarder Oil Class B
DEUTZ	DQC-IV-18 LA	VOLVO	VDS-2
DEUTZ	TTCD	VOLVO	VDS-4
FORD	WSS-M2C213-A1	VOLVO	VDS-4.5
IVECO	18-1804 Classe TLS E9		
MACK	EO-M PLUS		
MACK	EO-N		
MACK	EO-N Premium Plus		

CHAMPION CHEMICALS NV

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CHAMPION
LUBRICANTS



TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.855
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	74.6
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	12.2
Viscosity index	ASTM D2270		161
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	11.9
Pour point	ASTM D6892	°C	-39
Sulfated Ash	ASTM D874	Mass %	0.99
Flash Point COC	ASTM D92	°C	222

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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