

CHAMPION OEM SPECIFIC 5W30 UHPD EXTRA

The state of the art wear-reducing additives contained within this synthetic engine oil are engineered to combine stable oil performance with excellent engine protection, resulting in extended drain intervals without ever compromising on engine protection. The ultra-thin protective oil film retains its excellent protective properties over a wide range of temperatures. Furthermore, the engine oil has high shear resistance, cutting down on maintenance costs by further extending drain intervals.

APPLICATIONS

Both off- and on-road heavy-duty applications with or without turbochargers, superchargers or after-treatment systems can be serviced with this engine oil. It meets the specifications of a wide range of high-demanding specifications including the Scania LDF-4. Thanks to its backward compatibility, this versatile engine oil can be used in both modern and older engines. It is compatible with emission control technology EURO IV, V and VI for trucks; as well as stage IIIB, IV and Tier 4i, 4f for heavy-duty off-road.

FEATURES

Aftertreatment protection: full aftertreatment system protection.

Fuel economy: superior fuel economy and CO2 reduction.

Total engine protection: outstanding engine cleanliness and durability.

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

www.championlubes.com



SPECIFICATIONS

ACEA	E11	MACK	approval EO-S 4.5
ACEA	E4	MACK	EO-M PLUS
ACEA	E6-16	MACK	EO-N
ACEA	E7	MACK	EO-N Premium Plus
ACEA	E8	MACK	EO-O Premium Plus
ACEA	E9-16	MAN	approval M3677
API	CI-4	MAN	approval M3777
API	CI-4+	MAN	M3271-1
API	CJ-4	MAN	M3277
API	CK-4	MAN	M3477
JASO	DH-1-17	MAN	M3575
JASO	DH-2-17	MAN	M3691
JASO	DL-0-17	MAN	M3775
CATERPILLAR	ECF-3	MB	228.31
CUMMINS	CES 20077	MB	228.5
CUMMINS	CES 20081	MB	228.51
CUMMINS	CES 20086	MB	228.52
DAF	EXTENDED DRAIN	MB	235.28
DAF	PSQL 2.1 E	MTU	Oil Category 2.1
DAF	PSQL 2.1 E LD	MTU	Oil Category 3
DAIMLER TRUCK	approval DTFR 15C110	MTU	Oil Category 3.1
DAIMLER TRUCK	approval DTFR 15C120	RENAULT	approval RLD-3
DAIMLER TRUCK	DTFR 13D110	RENAULT	RGD
DAIMLER TRUCK	DTFR 15C100	RENAULT	RLD
DETROIT DIESEL	DFS 93K218	RENAULT	RLD-2
DETROIT DIESEL	DFS 93K222	RENAULT	RLD-4
DEUTZ	approval DQC-IV-18 LA	RENAULT	RXD
DEUTZ	DQC IV-10 LA	SCANIA	approval LDF-4
DEUTZ	DQC-IV-10	SCANIA	LDF-3
DEUTZ	TTCD	VOITH	Retarder Oil Class B
FORD	WSS-M2C213-A1	VOLVO	approval VDS-4.5
IVECO	18-1804 Classe TFE	VOLVO	VDS-3
IVECO	18-1804 Classe TLS E6	VOLVO	VDS-4
IVECO	18-1804 Classe TLS E9		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.858
Kinematic viscosity at 40°C	ASTM D445	mm²/s	70.8
Kinematic viscosity at 100°C	ASTM D445	mm²/s	12.2
Viscosity index	ASTM D2270		171
B.N. [HClO4 method]	ASTM D2896	mg KOH/g	13.4
Pour point	ASTM D6892	°C	-39
Sulfated Ash	ASTM D874	Mass %	1.0
Flash Point COC	ASTM D92	°C	214

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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