

CHAMPION OEM SPECIFIC 5W30 UHPD EXTRA S

The state of the art wear-reducing additives contained within this full 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 MB 228.51, Volvo VDS 4.5 and more. Thanks to its backward compatibility, this versatile engine oil can be used in wide range of engines. It is compatible with emission control technology EURO VI for trucks; as well as stage IIIB, IV, V and Tier 4 & 5 for heavy-duty off-road.

FEATURES

High shear resistance: extended drain intervals

Improved wear resistance: extended engine lifespan

Improved engine cleanliness: increased vehicle uptime

SPECIFICATIONS

DETROIT DIESEL	DFS 93K222	CATERPILLAR	ECF-3
ACEA	E6-16	MB	228.31
ACEA	E7-16	MB	approval 228.51
ACEA	E9-16	MAN	M3477
CUMMINS	CES 20086	MAN	M3677 In Process
CUMMINS	CES 20081	ACEA	E6
MACK	EO-0 Premium Plus	ACEA	E7
MACK	EO-S 4.5	ACEA	E9
MTU	Oil Category 3.1	API	SN Plus
RENAULT	RLD-3	MB	235.28
RENAULT	RLD-4	VOITH	Retarder Oil Class B
VOLVO	VDS-4.5	MB	228.52
VOLVO	VDS-4	DEUTZ	DQC-IV-18 LA
API	CJ-4	MAN	M3775
API	CK-4	DETROIT DIESEL	DFS 93K218
DEUTZ	DQC IV-10 LA	SCANIA	LDF-4

CHAMPION CHEMICALS NV

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TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.852
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	69.8
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	11.0
Viscosity index	ASTM D2270		168
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	10.4
Pour point	ASTM D6892	°C	-48
Sulfated Ash	ASTM D874	Mass %	0.880
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.

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