

OEM SPECIFIC

5W30 UHPD EXTRA S

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 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.

SPECIFICATION LEVEL

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

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	69.8
Kinematic viscosity at 100°C	ASTM D445	mm²/s	11.0
Viscosity index	ASTM D2270		168
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	10.4

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