



WOLF OFFICIALTECH 5W30 UHPD EXTRA S

DESCRIPTION :

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, VII for trucks; as well as stage IIIB, IV, V and Tier 4 & 5 for heavy-duty off-road.

SPECIFICATIONS :

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

TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result
Density at 15°C	D 4052	kg / m ³	858
Viscosity at 40°C	D 445	cSt	69,8
Viscosity at 100°C	D 445	cSt	11
Viscosity index	D 2270		168
B.N. (HCL04 method)	D2896	Mg KOH/g	10,4
Pour Point	D 6892	°C	-48
Flash point COC	D 92	°C	230
Sulphated ash	D 874	mass %	0,880

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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April, 2018.