WOLF GUARDTECH 20W50 SHPD

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1247

Multigrade engine oil, suitable for all diesel engines in all working conditions and during the whole year. Due to the high content of active components, this oil can be used all year round in the toughest conditions. Because of the high resistance against ageing, it is possible to apply longer drain periods.

APPLICATIONS

Suitable for all modern Euro II, III and some Euro IV diesel engines of heavy-duty equipment, also suitable for most gasoline engines, making it a great lubricant for mixed fleet maintenance.

FEATURES

Engine protection: ensures high level of the engine cleanliness
Enhanced drain interval: the purpose is a long period between oil changes

SPECIFICATIONS

ACEA	A3/B3-16	CUMMINS	CES 20072
ACEA	A3/B4	DTFR	15B110
ACEA	E3-96 Issue 4	MACK	EO-L
API	CF-4/SG	MAN	271
API	CG-4/SJ	MAN	M3275-1
MIL	L-2104 E	MB	227.1
MIL	L-46152 D	MB	229.1
ALLISON	C4 Level	MTU	Oil Category 1
CATERPILLAR	TO-2	MTU	Oil Category 2
CUMMINS	CES 20071	VOLVO	VDS-2

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.891
Kinematic viscosity at 40°C	ASTM D445	mm²/s	150
Kinematic viscosity at 100°C	ASTM D445	mm²/s	17.7
Viscosity index	ASTM D2270		130
B.N. (HCLO4 method)	ASTM D2896	mg KOH/g	11.5
Pour point	ASTM D6892	°C	-24
CCS viscosity at -15°C	ASTM D5293	mPa.s	8200
Sulfated Ash	ASTM D874	Mass %	1.18
Flash Point COC	ASTM D92	°C	235

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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