The WOLF brand and design are registered trademarks of Wolf Oil Corporation NV

WOLF OFFICIALTECH 15W40 MS EXTRA

Keeping the engine in optimal condition, therefore increasing vehicle uptime, is the core task of this low SAPS oil. It achieves this by offering high wear resistance and complete engine cleanliness, optimising vehicle uptime compared to previous engine oil formulations. The engine oil's high viscosity grade enables this engine oil to maintain its excellent protective properties, even in hot climates and rough conditions.

APPLICATIONS

This versatile product meets the requirements of challenging specifications like the Mack EO-S 4.5, Renault RLD-4 or Volvo VDS-4.5. It is backward compatible with preceding oil categories like CJ-4, suiting the needs of both recent 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

Improved engine cleanliness: increased operating hours High wear protection: increased engine lifespan Increased oxidative stability: extended optimal oil performance

SPECIFICATIONS

ACEA	E11
ACEA	E9-16
API	approval CK-4/SN
API	CI-4
API	CI-4 Plus
API	CJ-4
JASO	DH-2
ALLISON	C4
CASE	MAT 3571
CASE	MAT 3572
CATERPILLAR	ECF-1a
CATERPILLAR	ECF-2
CATERPILLAR	ECF-3
CATERPILLAR	TO-2
CUMMINS	CES 20076
CUMMINS	CES 20077
CUMMINS	CES 20078
CUMMINS	CES 20081
CUMMINS	CES 20086
DAIMLER TRUCK	approval DTFR 15C100
DETROIT DIESEL	DFS 93K222
DEUTZ	approval DQC-III-18 LA
DEUTZ	DQC-III-10 LA
FORD	WSS-M2C171-F1
JD	JDQ-78X
MACK	approval EO-S 4.5

МАСК	EO-M PLUS
MACK	EO-N
MACK	EO-N Premium Plus
MACK	EO-O Premium Plus
MAN	approval M3775
MAN	M3575
MB	228.31
MTU	approval Oil Category 2.1
RENAULT	approval RLD-3
RENAULT	RGD
RENAULT	RLD
RENAULT	RLD-2
RENAULT	RLD-4
RENAULT	RXD
VOLVO	approval VDS-4.5
VOLVO	VDS-3
VOLVO	VDS-4

WOLF OIL CORPORATION NV

G. Gilliotstraat 52 – 2620 Hemiksem – Belgium Tel. +32 (0)3 870 00 00 www.wolflubes.com



TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.860
Kinematic viscosity at 40°C	ASTM D445	mm²/s	92.5
Kinematic viscosity at 100°C	ASTM D445	mm²/s	13.7
Viscosity index	ASTM D2270		150
B.N. (HCLO4 method)	ASTM D2896	mg KOH/g	8.2
Pour point	ASTM D6892	°C	-36
Sulfated Ash	ASTM D874	Mass %	1.0
Flash Point COC	ASTM D92	°C	226

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

