

# WOLF VITALTECH 15W40 EXTRA

11/08/2023  
26636

Universal mineral engine oil with higher TBN designed to meet the latest specifications of both European and American manufacturers of heavy diesel engines. This oil is suitable for low-emission engines (Euro II, Euro III and some Euro IV engines). It is not suitable for Euro IV engines with particulate filter. It provides excellent protection against deposits an improved protection against camshaft wear and it allows very long drain intervals.

## APPLICATIONS

This oil can be used for all modern diesel engines of trucks, off-road equipment and other heavy material. It is particularly suited for use with lower quality fuels, with high sulphur content.

## FEATURES

Total engine protection: outstanding engine cleanliness and durability

## PERFORMANCE

ACEA	A3/B4	DEUTZ	DQC-III-10
ACEA	E7	DEUTZ	DQC-III-18
API	CF-4	GLOBAL	DHD-1
API	CG-4	IVECO	18-1804 Classe T2 E7
API	CH-4	MACK	EO-L
API	CI-4/SL	MACK	EO-M PLUS
JASO	DH-1	MACK	EO-N
ALLISON	C4	MAN	M3275-1
CATERPILLAR	ECF-1a	MB	228.3
CATERPILLAR	ECF-2	MB	229.1
CATERPILLAR	TO-2	MTU	Oil Category 1
CUMMINS	CES 20076	MTU	Oil Category 2
CUMMINS	CES 20077	RENAULT	RLD
CUMMINS	CES 20078	RENAULT	RLD-2
DAIMLER TRUCK	DTFR 15B110	VOLVO	VDS-3
DETROIT DIESEL	DFS 93K215		

### WOLF OIL CORPORATION NV

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## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.873
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	100
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	14
Viscosity index	ASTM D2270		142
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	15.3
Pour point	ASTM D6892	°C	-36
CCS viscosity at -20°C	ASTM D5293	mPa.s	6600
Sulfated Ash	ASTM D874	Mass %	2.24
Flash Point COC	ASTM D92	°C	220

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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