

# WOLF VITALTECH 10W40 ULTRA

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1227

This is a semi synthetic lubricant based on carefully selected highly refined base oils. This is a ultra high performance diesel (UHPD) engine oil that meets the highest performance standards for heavy trucks. This oil is not suitable for vehicles fitted with particulate filters.

## APPLICATIONS

Recommended for turbocharged and naturally aspirated diesel engines. Perfectly suitable for new as well as older diesel vehicles. Exceeds the demanding requirements of most U.S. and European manufacturers.

## FEATURES

Total engine protection: outstanding engine cleanliness and durability

Fuel economy: lower fuel consumption and CO2 emissions

Cold start: very good fluidity at low temperature

## SPECIFICATIONS

ACEA	E4	MTU	Oil Category 1
ACEA	E7	MTU	Oil Category 2
API	CF-4	RENAULT	approval RLD-2
API	CG-4	RENAULT	RLD
API	CH-4	RENAULT	RXD
API	CI-4/SL	VOLVO	approval VDS-3
JASO	DH-1		
CATERPILLAR	ECF-1a		
CATERPILLAR	ECF-2		
CATERPILLAR	TO-2		
CUMMINS	CES 20076		
CUMMINS	CES 20077		
CUMMINS	CES 20078		
DAF	EXTENDED DRAIN		
DAIMLER TRUCK	approval DTFR 15B120		
DAIMLER TRUCK	DTFR 15B110		
DETROIT DIESEL	DFS 93K215		
DEUTZ	DQC-III-10		
DEUTZ	DQC-III-18		
GLOBAL	DHD-1		
IVECO	18-1804 Classe T2 E7		
IVECO	18-1804 Classe T3 E4		
MACK	approval EO-N		
MACK	EO-M PLUS		
MAN	approval M3277		
MAN	M3275-1		
MB	228.3		
MB	229.1		
MB	approval 228.5		
MTU	approval Oil Category 3		

### WOLF OIL CORPORATION NV

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[www.wolf lubes.com](http://www.wolf lubes.com)



## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.861
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	91.1
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13.8
Viscosity index	ASTM D2270		153
B.N. (HClO <sub>4</sub> method)	ASTM D2896	mg KOH/g	12.5
Pour point	ASTM D6892	°C	-39
CCS viscosity at -25°C	ASTM D5293	mPa.s	5000
Sulfated Ash	ASTM D874	Mass %	1.43
Flash Point COC	ASTM D92	°C	230

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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