WOLF VITALTECH
10W40 ULTRA

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 CO_2 emissions
Cold start: very good fluidity at low temperature

PERFORMANCE

ACEA	E4	DEUTZ	DQC-III-18
ACEA	E7	GLOBAL	DHD-1
API	CF-4	IVECO	18-1804 Classe T2 E7
API	CG-4	IVECO	18-1804 Classe T3 E4
API	CH-4	MACK	approval EO-N
API	CI-4/SL	MACK	EO-M PLUS
JASO	DH-1	MAN	approval M3277
ALLISON	C4	MAN	M3275-1
CATERPILLAR	ECF-1a	MB	228.3
CATERPILLAR	ECF-2	MB	229.1
CATERPILLAR	TO-2	MB	approval 228.5
CUMMINS	CES 20076	MTU	approval Oil Category 3
CUMMINS	CES 20077	MTU	Oil Category 1
CUMMINS	CES 20078	MTU	Oil Category 2
DAF	EXTENDED DRAIN	RENAULT	approval RLD-2
DAIMLER TRUCK	DTFR 15B110	RENAULT	RLD
DAIMLER TRUCK	DTFR 15B120	RENAULT	RXD
DETROIT DIESEL	93K215	VOLVO	approval VDS-3
DEUTZ	DQC-III-10		

wolf LUBRICANTS

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.861
Kinematic viscosity at 40°C	ASTM D445	mm²/s	91.1
Kinematic viscosity at 100°C	ASTM D445	mm²/s	13.8
Viscosity index	ASTM D2270		153
B.N. (HCLO4 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.