

VITALTECH

10W40

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14626

This is a semi synthetic lubricant based on carefully selected highly refined base oils. This oil is designed to meet the latest specifications of both European and American manufacturers of heavy diesel engines. It provides excellent protection against deposits in oil pipes, turbo's and provides improved protection against camshaft wear.

APPLICATIONS

Suitable for low-emission engines in the Euro II and Euro III standards. It is not suitable for Euro IV engines with particulate filter. It allows very long drain intervals.

FEATURES

Total engine protection: outstanding engine cleanliness and durability.
Cold start: very good fluidity at low temperature.

SPECIFICATION LEVEL

ACEA	E7-12	JASO	DH-1
ACEA	A3/B4-12	MACK	Approval EO-N
ALLISON	C4	MACK	EO-M PLUS
API	CI-4/SL	MAN	Approval M3275-1
CATERPILLAR	ECF-2	MB	Approval 228.3
CUMMINS	CES 20076	MB	229.1
CUMMINS	CES 20077	MTU	Oil Category 2
CUMMINS	CES 20078	RENAULT	Approval RLD-2
DETROIT	93K215	RENAULT	RLD
DIESEL		VOLVO	Approval VDS-3
DEUTZ	Approval DQC-III-10		
GLOBAL	DHD-1		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.866
Kinematic viscosity at 40°C	ASTM D445	mm²/s	88.4
Kinematic viscosity at 100°C	ASTM D445	mm²/s	13.8
Viscosity index	ASTM D2270		160
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	11.9
Pour point	ASTM D6892	°C	-39
CCS viscosity at -25°C	ASTM D5293	mPa.s	5500
Sulfated Ash	ASTM D874	Mass %	1.49
Flash Point COC	ASTM D92	°C	227

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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