

VITALTECH

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Universal synthetic based motor oil, designed to meet the latest specifications of both European and American manufacturers of heavy diesel engines. It provides excellent protection against deposits in pipes and turbo engine, and 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

API	CF	ACEA	E7-08#2
API	CF-4	CUMMINS	CES 20076
API	CG-4	CUMMINS	CES 20077
API	CH-4	CUMMINS	CES 20078
API	SL/CI-4	MACK	EOM PLUS
MB	Approval 228.3	MTU	Type 2
MB	229.1	RENAULT	RLD
ALLISON	C4	RENAULT	RLD-2
MAN	Approval M3275	VOLVO	Approval VDS-3
DETROIT	93K215	JASO	DH-1
DIESEL		DEUTZ	DQC III-05
ACEA	A3/B3-10	GLOBAL	DHD-1
ACEA	A3/B4-10		

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.872
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	87
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	13.8
Viscosity index	ASTM D2270		163
B.N. (HClO ₄ method)	ASTM D2896	mg KOH/g	10.5
Pour point	ASTM D6892	°C	-39
CCS viscosity at -25°C	ASTM D5293	mPa.s	6800
Sulfated Ash	ASTM D874	Mass %	1.59
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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