

CHAMPION NEW ENERGY 10W40

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

SPECIFICATIONS

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

CHAMPION CHEMICALS NV

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www.championlubes.com





TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.863
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	88.4
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	13.8
Viscosity index	ASTM D2270		160
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	10.1
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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