

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.*

SPECIFICATION LEVEL

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

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average result
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. (HClO4 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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CHAMPION®