CHAMPION NEW ENERGY 15W-40 HVI

This is a high-performance high viscosity index (HVI) mineral diesel engine oil formulated to deliver reliable performance in a broad range of heavy-duty applications. It is suitable for low-emission engines (Euro II, Euro III and some Euro IV engines).

APPLICATIONS

Recommended for all modern diesel engines of trucks, off-road equipment and other heavy-duty applications. Universal use, including mixed fleets. Suitable for low-emission diesel engines with EGR (Euro II, III and some Euro IV). Meets and exceeds the demanding requirements of many U.S. and European diesel engine manufacturers.

FEATURES

Total engine protection: outstanding engine cleanliness and durability.

SPECIFICATIONS

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

CHAMPION CHEMICALS NV

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TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.886
Kinematic viscosity at 40°C	ASTM D445	mm²/s	110.2
Kinematic viscosity at 100°C	ASTM D445	mm²/s	15.2
Viscosity index	ASTM D2270		145
B.N. (HCLO4 method)	ASTM D2896	mg KOH/g	11.4
Pour point	ASTM D6892	°C	-36
CCS viscosity at -20°C	ASTM D5293	mPa.s	5500
Sulfated Ash	ASTM D874	Mass %	1.49
Flash Point COC	ASTM D92	°C	220

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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