

CHAMPION NEW ENERGY 15W40

This is a high-performance 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

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

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	mm ² /s	97
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	13.8
Viscosity index	ASTM D2270		144
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	10.1
Pour point	ASTM D6892	°C	-36
CCS viscosity at -20°C	ASTM D5293	mPa.s	6500
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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