

CHAMPION NEW ENERGY 20W50

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.
Cold start: very good fluidity at low temperature.*

PERFORMANCE

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

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

www.championlubes.com





TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.892
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	177
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	18.0
Viscosity index	ASTM D2270		112
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	10.7
Pour point	ASTM D6892	°C	-30
Sulfated Ash	ASTM D874	Mass %	1.34
Flash Point COC	ASTM D92	°C	232

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

www.championlubes.com

