CHAMPION OEM SPECIFIC 10W40 S3

This is a semi synthetic lubricant based on carefully selected very high quality base oils. This "long-drain" oil is engineered to provide outstanding lubrication to modern, high performance diesel engines.

APPLICATIONS

This oil is suitable for Euro IV and Euro V engines. Due to the high ash content, this oil is not suitable for most engines and vehicles equipped with a particulate filter.

FEATURES

Emission: the purpose is to minimise exhaust emission
Engine protection: high level of engine cleanliness and durability
Cold start: very good fluidity at low temperature

SPECIFICATIONS

ACEA	E4
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 20072
CUMMINS	CES 20076
CUMMINS	CES 20077
CUMMINS	CES 20078
DAF	EXTENDED DRAIN
DETROIT DIESEL	DFS 93K215
DEUTZ	DQC-III-10
DEUTZ	DQC-III-18
DEUTZ	DQC-IV-18
DTFR	13D100
DTFR	13D110
DTFR	15B110
DTFR	15B120
GLOBAL	DHD-1
IVECO	18-1804 Classe T2 E7
IVECO	18-1804 Classe T3 E4
MACK	approval EO-N
MACK	EO-M PLUS
MACK	EO-N Premium Plus
MAN	M3275-1
MAN	M3277
MAN	M3377
MB	229.1
MB	235.28
MTU	Oil Category 1
MTU	Oil Category 2
MTU	Oil Category 3
RENAULT	approval RLD-2
RENAULT	RLD
RENAULT	RXD
SCANIA	approval LDF-3
SCANIA	LDF-2
VOITH	Retarder Oil Class A
VOITH	Retarder Oil Class B
VOLVO	approval VDS-3

CHAMPION CHEMICALS NV
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www.championlubes.com

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TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.870
Kinematic viscosity at 40°C	ASTM D445	mm²/s	86.3
Kinematic viscosity at 100°C	ASTM D445	mm²/s	13.3
Viscosity index	ASTM D2270		155
B.N. (HCLO4 method)	ASTM D2896	mg KOH/g	16.1
Pour point	ASTM D6892	°C	-39
CCS viscosity at -25°C	ASTM D5293	mPa.s	6700
Sulfated Ash	ASTM D874	Mass %	1.9
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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