

CHAMPION NEW ENERGY

5W40 PI C3

This is a full synthetic lubricant based on carefully selected very high quality base oils. It is formulated with excellent additives to meet the demanding requirements of the VW 505.01 specification in terms of resistance to oxidation, oil thickening and the formation of sludge in the engine. It is a Mid SAPS oil [sulfated ash, phosphorus and sulfur content], which corresponds to Euro 4 and Euro 5 norms. It provides reliable protection of after-treatment devices and Diesel Particulate Filters.

APPLICATIONS

Specifically recommended for the lubrication of all TDI engines with pump injectors and for Common Rail turbodiesel engines.

FEATURES

Aftertreatment protection: full aftertreatment system protection

Total engine protection: outstanding engine cleanliness and durability

Fuel economy: superior fuel economy and CO₂ reduction

SPECIFICATIONS

ACEA	C3	MB	229.31
API	approval SN	MB	approval 229.51
API	CF	OPEL	OV 040 1547 - D40
BMW	LOGLIFE-04	PORSCHE	A40
FIAT	9.55535-GH2	RENAULT	RN 0700
FIAT	9.55535-S2	RENAULT	RN 0710
FORD	WSS-M2C917-A	VW	502 00 < 2017
GM	dexos2™	VW	approval 505 00
MB	226.5	VW	approval 505 01

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.851
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	84.7
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	13.9
Viscosity index	ASTM D2270		170
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	7.5
Pour point	ASTM D6892	°C	-39
CCS viscosity at -30°C	ASTM D5293	mPa.s	5970
Sulfated Ash	ASTM D874	Mass %	0.8
Flash Point COC	ASTM D92	°C	235

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

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