

# VITALTECH

## 5W40 PI

28/01/2013  
21116

This is a full synthetic high-performance engine oil. It is formulated with excellent additives to meet the demanding requirements of the VW 505.01 specification in terms of resistance to oxidation 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.

### SPECIFICATION LEVEL

API	SM/CF	ACEA	C3-08
FORD	WSS-M2C-917A	RENAULT	RN 0700
MB	229.31	RENAULT	RN 0710
VW	Approval 502 00	BMW	LOONGLIFE-04
VW	Approval 505 00	PORSCHE	A40
VW	Approval 505 01	GM	dexos 2
ACEA	A3/B4-04		

### 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 <sup>2</sup> /s	84,7
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	13,9
Viscosity index	ASTM D2270		170
B.N. (HClO <sub>4</sub> 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.

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