

# VITALTECH 5W50

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This is a full synthetic lubricant based on carefully selected very high quality base oils with high viscosity index for the lubrication of gasoline and diesel engines with turbocharging. This oil is distinguished by an excellent fluidity at low temperature, which allows a perfect cold start, along with a high viscosity at hot engine.

## APPLICATIONS

This oil is used in 4-stroke gasoline engines, multi valves, and 4-stroke diesel engines with or without turbo. It is specifically suitable for sporty driving conditions.

## FEATURES

Total engine protection : performance in keeping the engine clean. Cold start : excellent fluidity at low temperature.

### SPECIFICATION LEVEL

ACEA	A3/B4-08	MB	229.3
API	SN/CF	VW	501 01
BMW	LONGLIFE-01	VW	505 00

## TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.852
Kinematic viscosity at 40°C	ASTM D445	mm²/s	118
Kinematic viscosity at 100°C	ASTM D445	mm²/s	18.0
Viscosity index	ASTM D2270		170
B.N. (HCLO4 method)	ASTM D2896	mg KOH/g	9.6
Pour point	ASTM D6892	°C	-30
CCS viscosity at -30°C	ASTM D5293	mPa.s	6200
Sulfated Ash	ASTM D874	Mass %	1.1
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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