

# CHAMPION NEW ENERGY

## 5W-30 SP

This fully synthetic engine oil meets the new API SP specification. The low viscosity grade SAE 5W30 enables the engine to run at high fuel-efficiency. This engine oil delivers excellent wear protection and engine cleanliness.

### APPLICATIONS

This lubricant is designed for use in the most recent gasoline and diesel turbocharged cars or light duty vehicles. It is particularly developed for downsized Turbocharged Gasoline Direct Injection (TGDI) engines to mitigate LSPI (Low Speed Pre Ignition).

### FEATURES

*Cold start: excellent fluidity at low temperature.*

*Fuel economy: lower fuel consumption and CO2 emissions.*

*Total engine protection: outstanding engine cleanliness and durability.*

### PERFORMANCE

<b>ACEA</b>	A3/B4	<b>MB</b>	approval 229.5
<b>API</b>	SP	<b>RENAULT</b>	RN 0700
<b>BMW</b>	LONGLIFE-01	<b>RENAULT</b>	RN 0710

### TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.850
Kinematic viscosity at 40°C	ASTM D445	mm <sup>2</sup> /s	71.3
Kinematic viscosity at 100°C	ASTM D445	mm <sup>2</sup> /s	12.0
Viscosity index	ASTM D2270		166
B.N. (HClO4 method)	ASTM D2896	mg KOH/g	12.5
Pour point	ASTM D6892	°C	-42
Flash Point COC	ASTM D92	°C	218
Sulfated Ash	ASTM D874	Mass %	1.04

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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