

# **PENNZOIL PLATINUM® EURO SAE 5W-40**

## **FULL SYNTHETIC MOTOR OIL WITH PUREPLUS™ TECHNOLOGY**



### **TECHNICAL DATA SHEET**

Pennzoil Platinum® Euro with PurePlus™ Technology is a first of its kind full synthetic motor oil made from natural gas and designed for COMPLETE PROTECTION. Redesigned for modern turbocharged engines - API SN PLUS, API SN and all previous categories.

### **PERFORMANCE, FEATURES & BENEFITS**

PurePlus™ Technology is our patented, revolutionary gas-to-liquid process which converts natural gas into a first-of-its-kind extremely high quality full synthetic base oil. Because our base oil is made from natural gas, it is crystal clear with fewer of the impurities found in crude oil, the start for many other traditional & synthetic motor oils. From that pure, clear base we add our high performance additives to create Pennzoil Platinum® Euro with PurePlus™ Technology, motor oil designed for COMPLETE PROTECTION, without compromise.

#### **CLEANER PISTONS**

Helps keep pistons cleaner than required by the toughest industry standard.

#### **LOW-SPEED PRE-IGNITION PROTECTION**

Protects against damaging low-speed pre-ignition (LSPI) in turbocharged direct injection gasoline engines<sup>1</sup>.

#### **PROTECTS HORSEPOWER**

Helps protect engines from loss of power.

#### **UNSURPASSED WEAR PROTECTION**

No other leading motor oil provides better protection from friction.<sup>2</sup>

#### **EXCELLENT PERFORMANCE IN EXTREME TEMPERATURES**

Provides faster low temperature oil flow and protects in extreme heat.

<sup>1</sup> Based on ASTM Sequence IX LSPI test carried out at an independent laboratory

<sup>2</sup> Based on Sequence IVA wear test using SAE 5W-30.

### **MAIN APPLICATIONS**

PENNZOIL PLATINUM® EURO SAE 5W-40 FULL SYNTHETIC MOTOR OIL can be used in both passenger car gasoline and light duty diesel applications.

It is also suitable for use in modern direct injection turbocharged gasoline engine where it provides protection against damaging low-speed pre-ignition (LSPI).

PENNZOIL PLATINUM® EURO SAE 5W-40 FULL SYNTHETIC MOTOR OIL meets or exceeds the performance requirements of API SN, SN PLUS and ACEA A3/B4.

It is also approved against the requirements of many leading European and import automotive brands.

### **SPECIFICATIONS, APPROVALS & RECOMMENDATIONS**

- BMW LL-01
  - Chrysler MS-10725, MS-12991
  - MB-Approval 229.3, MB-Approval 229.5, MB-Approval 226.5
  - Porsche A40
  - VW 502.00, VW 505.00
  - Fiat 9.55535.Z2 (Meets or Exceeds Requirements)
- Exceeds the requirements of the following industry specifications:
- API SN PLUS, API SN and all previous categories
  - ACEA A3/B3, A3/B4

## **PENNZOIL PLATINUM® EURO SAE 5W-40**

### **FULL SYNTHETIC MOTOR OIL WITH PUREPLUS™ TECHNOLOGY**

For a full listing of equipment approvals and recommendations, please consult your local Technical Helpdesk.

To find the right Pennzoil® product for your vehicles and equipment, please consult [www.pennzoil.com](http://www.pennzoil.com) to look up the right motor oil recommendation using our oil selector.

#### **TYPICAL PHYSICAL CHARACTERISTICS**

<b>Properties</b>			<b>Method</b>	<b>PENNZOIL PLATINUM® EURO SAE 5W-40 FULL SYNTHETIC MOTOR OIL</b>
<b>Kinematic Viscosity</b>	@40°C	cSt	ASTM D445	75.7
<b>Kinematic Viscosity</b>	@100°C	cSt	ASTM D445	12.8
<b>Flash Point</b>		°C	ASTM D92	235
<b>Flash Point</b>		°C	ASTM D93	211
<b>Pour Point</b>		°C	ASTM D97	-36
<b>CCS Viscosity</b>	@-30°C	cP	ASTM D5293	6 400
<b>MRV</b>	@-35°C	cP	ASTM D4684	17 000
<b>Density</b>	@15°C	kg/m <sup>3</sup>	ASTM D4052	843
<b>Viscosity Index</b>			ASTM D2270	167

These characteristics are typical of current production. While future production will conform to Pennzoil's® specification, variations in these characteristics may occur.

#### **HEALTH, SAFETY & ENVIRONMENT**

##### **Health and Safety**

Pennzoil Platinum® Euro SAE 5W-40 Full Synthetic Motor Oil Euro with PurePlus™ Technology is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from [www.epc.shell.com](http://www.epc.shell.com)

##### **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

##### **ADDITIONAL INFORMATION**

##### **Advice**

Advice on applications not covered here may be obtained from your Pennzoil® Lubricants distributor representatives or technical help desks.