

# **PENNZOIL PLATINUM® EURO L SAE 5W-30** **FULL SYNTHETIC MOTOR - MADE FROM NATURAL GAS**

TECHNICAL DATA SHEET



Pennzoil Platinum® Euro L with PurePlus™ Technology is a first of its kind full synthetic motor oil made from natural gas and designed for COMPLETE PROTECTION for top engine performance. Specially formulated for diesel engines and is approved for BMW LL-04, GM dexos2® and Mercedes-Benz.

## **PERFORMANCE, FEATURES & BENEFITS**

Pennzoil® is the first motor oil made from natural gas, not crude. Our PurePlus® Technology is the revolutionary process that converts pure natural gas into high quality full synthetic base oil, with fewer impurities than traditional base oils made from crude. Pennzoil Platinum® Full Synthetic motor oil is designed to deliver complete engine protection for top engine performance.

Complete Protection:

### **CLEANER PISTONS**

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

### **BETTER FUEL ECONOMY**

Up to 1.7% better fuel economy<sup>1</sup>

### **PROTECTS HORSEPOWER**

Helps protect loss of horsepower

### **SUPERIOR WEAR PROTECTION**

Provides 40% better wear protection than required by the industry standard API SN specification<sup>2</sup>

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

Provides faster low temperature oil flow and protects in extreme heat

<sup>1</sup> Based on ACEA M111 fuel economy results vs. the industry reference oil

<sup>2</sup> Based on the Sequence IVA wear test

## **MAIN APPLICATIONS**

Pennzoil Platinum® Euro L SAE 5W-30 uses Pennzoil's most advanced emissions-compatible technology to help gasoline engine exhaust catalysts and keep diesel particulate filters clean and protects it from ash build-up that can block the exhaust system and lead to reduced engine performance.

Pennzoil Platinum® Euro L SAE 5W-30 can be used for modern diesel engines with particulate filters, as well as modern gasoline engines.

## **SPECIFICATIONS, APPROVALS & RECOMMENDATIONS**

Meets or exceeds the following OEM requirements:

- BMW LL-04
- Chrysler MS-11106
- General Motors dexos2™ (license GB2E1104014)
- MB-Approval 229.31/229.51

Exceeds the requirements of the following industry specifications:

- API SN and all previous Categories
- ACEA C3

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.

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**TYPICAL PHYSICAL CHARACTERISTICS**

Properties			Method	PENNZOIL PLATINUM® EURO L SAE 5W-30 FULL SYNTHETIC MOTOR OIL
SAE Viscosity Grade				5W-30
Service Category				SN
ILSAC				N/A
ACEA				C3
Density		kg/m <sup>3</sup>	ASTM D4052	836
Flash Point		°C	ASTM D93	238
Pour Point		°C	ASTM D97	-45
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	69.0
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	12.1
Viscosity Index			ASTM D2270	174
CCS Viscosity	@-30°C	cP	ASTM D5293	4 300
MRV Viscosity	@-35°C	cP	ASTM D4684	14 500

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**

This Product 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 Safety Data Sheet (SDS) which can be obtained from <https://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 representative or Technical Help Desk.