

# PENNZOIL® EURO L SAE 5W-30 FULL SYNTHETIC MOTOR OIL

TECHNICAL DATA SHEET



Pennzoil® Euro L Technology is specially formulated for diesel engines and is approved for BMW LL-04, GM dexos2® and Mercedes-Benz.

## PERFORMANCE, FEATURES & BENEFITS

### BETTER FUEL ECONOMY

Exceeds industry and OEM standards<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 industry standard tests run in independent laboratories

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

## MAIN APPLICATIONS

Pennzoil® 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.

## TYPICAL PHYSICAL CHARACTERISTICS

Pennzoil® 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:

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

Exceeds the requirements of the following industry specifications:

- API SN
- 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.

Properties			Method	PENNZOIL® EURO L SAE 5W-30 FULL SYNTHETIC MOTOR OIL
SAE Viscosity Grade				5W-30
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	849
Flash Point		°C	ASTM D92	242
Flash Point		°C	ASTM D93	213
Pour Point		°C	ASTM D97	-45

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## **PENNZOIL® EURO L SAE 5W-30 FULL SYNTHETIC MOTOR OIL**

Properties			Method	PENNZOIL® EURO L SAE 5W-30 FULL SYNTHETIC MOTOR OIL
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	ASTM D445	70.2
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	ASTM D445	12.5
Viscosity Index			ASTM D2270	189
CCS Viscosity	@-30°C	cP	ASTM D5293	5 147
MRV Viscosity	@-35°C	cP	ASTM D4684	16 800

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, 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 Helpdesk.