

# PENNZOIL PLATINUM<sup>®</sup> EURO L 5W-30

Full Synthetic motor oil - made from natural gas

## TECHNICAL DATA SHEET



Pennzoil Platinum<sup>®</sup> Euro L with PurePlus<sup>™</sup> Technology is specially formulated for diesel engines and is approved for BMW LL-04, GM dexos2<sup>®</sup> and Mercedes-Benz 229.51.

### PERFORMANCE, FEATURES & BENEFITS

PurePlus<sup>™</sup> Technology is our patented, revolutionary gas-to-liquid process which converts natural gas into a base oil with lower friction, better low temperature properties and greater stability than conventional motor oil made from crude. 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 and synthetic motor oils. From that pure, clear base we add our high performance additives to create Pennzoil Platinum<sup>®</sup> Euro L with PurePlus<sup>™</sup> Technology, motor oil designed for COMPLETE PROTECTION, without compromise:

#### NO OTHER MOTOR OIL CLEANS YOUR ENGINE BETTER<sup>1</sup> BETTER FUEL ECONOMY

Up to 1.7% better fuel economy<sup>2</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>3</sup>

#### EXCELLENT PERFORMANCE IN EXTREME TEMPERATURES

Provides faster low temperature oil flow and protects in extreme heat

<sup>1</sup> Based on Sequence VG sludge test results using 0W-30

<sup>2</sup> Based on ACEA M111 fuel economy results vs. the industry reference oil

<sup>3</sup> Based on the Sequence IVA wear test

### MAIN APPLICATIONS

Pennzoil Platinum<sup>®</sup> Euro L SAE 5W-30 uses Pennzoil's<sup>®</sup> 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<sup>®</sup> Euro LX SAE 0W-30 can be used for modern diesel engines with particulate filters, as well as modern gasoline engines.

### SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- BMW LL-04
- Chrysler MS-11106
- GM dexos2<sup>™</sup> (license GB2E1104014)
- MB-229.31, MB-229.51

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 Help Desk.

To find the right Pennzoil<sup>®</sup> 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.

# PENNZOIL PLATINUM<sup>®</sup> EURO L 5W-30 Full Synthetic motor oil - made from natural gas

## TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	PENNZOIL PLATINUM <sup>®</sup> EURO L
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<sup>®</sup> 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 Material Safety Data Sheet (MSDS), 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 representative or Technical Help Desk.