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

TECHNICAL DATA SHEET

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

PERFORMANCE, FEATURES & BENEFITS

Pennzoil Platinum Euro L SAE 5W-30 uses 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 with 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® Euro motor oil that is designed for COMPLETE PROTECTION, without compromise.

CLEANER PISTONS

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

BETTER FUEL ECONOMY

Up to 1.7% better fuel economy[1]

PROTECTS HORSEPOWER

Helps protect engines from loss of power.

SUPERIOR WEAR PROTECTION

Provides 40% better wear protection than required by the industry standard API SN specification[2]

EXCELLENT PERFORMANCE IN EXTREME TEMPERATURES

Provides faster low temperature oil flow and protects in extreme heat

1 Based on ACEA M111 fuel economy results vs. the industry reference oil

2 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.
- Always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Exceeds the requirements of the following industry and OEM specifications:

- API SN and all previous categories.
- ACEA C3
- BMW LL-04
- Chrysler MS-11106
- MB-Approval 229.31/229.51
- GM dexos2™ (license GB2E1104014)

To find the right Pennzoil product for your vehicles and equipment, please consult 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^3	ASTM D4052	836
Flash Point		^0C	ASTM D93	238
Pour Point		^0C	ASTM D97	-45
Kinematic Viscosity	@40^{0}C	mm^2/s	ASTM D445	69.0
Kinematic Viscosity	@100^{0}C	mm^2/s	ASTM D445	12.1
Viscosity Index			ASTM D2270	174
CCS Viscosity	@-30^{0}C	cP	ASTM D5293	4 300
MRV Viscosity	@-35^{0}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, which can be obtained from https://www.epc.shell.com

Safety data sheet available on request. For Health Emergencies or Consumer Information call 1-877-276-7285.

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 helpdesk.

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