

# **PENNZOIL PLATINUM® SAE 0W-20 FULL SYNTHETIC MOTOR OIL - MADE FROM NATURAL GAS**

TECHNICAL DATA SHEET



Pennzoil Platinum® 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. Formulated for modern turbocharged engines.

## **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.

### **CLEANER PISTONS**

Keeps pistons up to 50% cleaner than required by the toughest industry standard.<sup>1</sup>

### **BETTER FUEL ECONOMY**

Drive on average an extra 550 miles vs. a dirty engine.<sup>2</sup>

### **PROTECTS HORSEPOWER**

Helps protect engines from loss of power.

### **UNSURPASSED WEAR PROTECTION**

No other leading motor oil provides better protection from friction.<sup>3</sup>

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

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

This product is Carbon Neutral. The CO<sub>2</sub>e emissions of the lifecycle of this product have been offset with verified Nature Based Carbon Credits. For full details visit [Pennzoil.com](http://Pennzoil.com)

1 Based on ILSAC GF-6A and Sequence IIIH piston deposit test using SAE 5W-30.

2 Fuel economy measurements made using CAFÉ cycle under FTP75. Avg of 550 extra miles based on mixed city/highway miles vs dirty engine. Source: [fhwa.dot.gov](http://fhwa.dot.gov), 2011. Follow OEM recommended oil drain intervals

3 Based on Sequence IVA wear test using SAE 5W-30.

## **Main Applications**

Pennzoil Platinum® SAE 0W-20 with PurePlus™ Technology is recommended for use in all vehicles requiring the use of SAE 0W-20 viscosity grade engine oils under all driving conditions.

SAE 0W-20 viscosity grade oils are commonly recommended for use in many new vehicles with modern engine technology for maximum fuel economy and performance.

Pennzoil Platinum® SAE 0W-20 is also suitable for use and offers the same protection as SAE 5W-20.

Pennzoil Platinum with PurePlus Technology can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions.

Pennzoil Platinum 0W-20 is designed to provide enhanced fuel economy and provides the same engine protection for use in vehicles currently using SAE 5W-20.

SAE 0W-20 may not be suitable for use in older engines, so always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

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# PENNZOIL PLATINUM® SAE OW-20 FULL SYNTHETIC MOTOR OIL- MADE FROM NATURAL GAS

## Specifications, Approvals & Recommendations

Meets or exceeds the following OEM requirements:

- Chrysler MS-6395
- General Motors dexos1™ Gen 2 (license D10068GE014)

- Ford WSS-M2C947-B1

Exceeds the requirements of the following industry specifications

- API SP-Resource Conserving and all previous Categories

- API SP
- ILSAC GF-6A and all previous ILSAC Standards.

For a full listing of equipment approvals and recommendations, please consult your local Shell 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

Properties		Method	PENNZOIL PLATINUM® SAE OW-20 FULL SYNTHETIC MOTOR OIL
Viscosity Grade			OW-20
Service Category			SP-RC
ILSAC			GF-6A
ACEA			A1/B1
Density	kg/m <sup>3</sup>	ASTM D4052	836
Flash Point	°C	ASTM D93	204
Pour Point	°C	ASTM D97	-48
Kinematic Viscosity	@ 40°C cSt	ASTM D445	43.4
Kinematic Viscosity	@ 100°C cSt	ASTM D445	8.6
Viscosity Index		ASTM D2270	182
CCS Viscosity	@-35°C cP	ASTM D5293	5 670
MRV Viscosity	@-40°C cP	ASTM D4684	16 200

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® SAE OW-20 Full Synthetic Motor Oil 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 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.

## ***PENNZOIL PLATINUM® SAE OW-20 FULL SYNTHETIC MOTOR OIL - MADE FROM NATURAL GAS***

### **Additional Information**

#### **Advice**

Advice on applications not covered here may be obtained from your Shell or Shell Lubricants distributor representatives or Shell technical helpdesk.