# PENNZOIL PLATINUM® SAE 5W-20 FULL SYNTHETIC MOTOR OIL
## FULL SYNTHETIC

Pennzoil Platinum® is a first of its kind full synthetic motor oil made with 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 with natural gas. We convert pure natural gas into high quality full synthetic base oil, with fewer impurities than traditional base oils. Pennzoil Platinum® Full Synthetic motor oil is designed to deliver complete engine protection for top engine performance.

Complete Protection:

### CLEANER PISTONS

Keeps pistons up to 45% cleaner than required by the toughest industry standard.[1]

### BETTER FUEL ECONOMY [2]
### PROTECTS HORSEPOWER

Helps protect engines from loss of power.

### UNSURPASSED WEAR PROTECTION

No other leading motor oil provides better protection from friction.[3]

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

2 Based on the latest industry standard

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

## MAIN APPLICATIONS

Pennzoil Platinum® SAE 5W-20 with PurePlus™ Technology is recommended for use in all vehicles requiring the use of SAE 5W-20 viscosity grade engine oils under all driving conditions.

SAE 5W-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® 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.

SAE 5W-20 may not be suitable for use in older engines so always consult your owners manual for the correct viscosity grade and performance recommendation required for your vehicle.

## SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Meets or exceeds the following OEM  requirements:

- Chrysler MS-6395
- Ford WSS-M2C960-A
- GM dexos1™ Gen 3

Exceeds the requirements of the following industry specifications:

- API SP
- ILSAC GF-6A and all previous ILSAC Standards
- API SP-Resource Conserving and all previous Categories
- GM dexos1™ Gen 3 (license D325EACJ014)

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 to look up the right motor oil recommendation using our oil selector.

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## TYPICAL PHYSICAL CHARACTERISTICS

| Properties | | | Method | Pennzoil Platinum® SAE 5W-20 Full Synthetic Motor Oil |
|---|---|---|---|---|
| Viscosity Grade | | | SAE J300 | 5W-20 |
| Service Category | | | | SP-RC |
| ILSAC | | | | GF-6A |
| ACEA | | | | A1/B1 |
| Density | | kg/m$^3$ | ASTM D4052 | 837 |
| Flash Point | | $^0$C | ASTM D93 | 205 |
| Pour Point | | $^0$C | ASTM D97 | -48 |
| Kinematic Viscosity | @ 40$^0$C | cSt | ASTM D445 | 45.9 |
| Kinematic Viscosity | @ 100$^0$C | cSt | ASTM D445 | 8.6 |
| Viscosity Index | | | ASTM D2270 | 167 |
| CCS Viscosity | @-30$^0$C | cP | ASTM D5293 | 6 510 |
| MRV Viscosity | @-35$^0$C | cP | ASTM D4684 | 9 300 |

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 Shell or Shell Lubricants distributor representatives or technical helpdesks.