

# **PENNZOIL® PROFESSIONAL MS 0W-20 MOTOR OIL**

## **Full Synthetic Motor Oil**

### **TECHNICAL DATA SHEET**



Pennzoil® Professional MS Full Synthetic motor oil is formulated for modern turbocharged engines. PENNZOIL® utilizes the advances of synthetic technology to provide better wear protection in high and low temperatures and improved cleanliness over synthetic blend motor oils.

### **PERFORMANCE, FEATURES & BENEFITS**

- Enhanced wear protection in high and low temperatures
- Helps prevent sludge and other damaging deposits
- Better for severe driving conditions than synthetic blend motor oils
- Controls high-temperature oxidation and deposits

### **MAIN APPLICATIONS**

Pennzoil® Professional MS SAE 0W-20 Full Synthetic motor oil 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 Professional MS 0W-20 is also suitable for use and offers the same protection as SAE 5W-20. It can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications.

Pennzoil® Professional MS can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications.

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 SQ-Resource Conserving and all previous categories
- ILSAC GF-7A and all previous ILSAC Standards
- Chrysler MS-6395
- Ford WSS-M2C972-A1
- GM dexos1™ Gen3 (License #D335BTDF014)

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.

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**TYPICAL PHYSICAL CHARACTERISTICS**

| Properties           |         |       | Method     | Pennzoil® Professional MS 0W-20 Motor Oil |
|----------------------|---------|-------|------------|---|
| API Service Category |         |       |            | SQ-RC                                     |
| ILSAC                |         |       |            | GF-7A                                     |
| Density              |         | kg/m³ | ASTM D4052 | 837.6                                     |
| Flash Point          |         | °C    | ASTM D93   | 201                                       |
| Pour Point           |         | °C    | ASTM D97   | -48                                       |
| Kinematic Viscosity  | @ 40°C  | cSt   | ASTM D445  | 45.2                                      |
| Kinematic Viscosity  | @ 100°C | cSt   | ASTM D445  | 8.4                                       |
| Viscosity Index      |         |       | ASTM D2270 | 166                                       |
| CCS Viscosity        | @-35°C  | cP    | ASTM D5293 | 5 160                                     |
| MRV Viscosity        | @-40°C  | cP    | ASTM D4684 | 18 300                                    |

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>

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 help desk.