

# **PENNZOIL® 0W-20 MOTOR OIL**

## **FULL SYNTHETIC MOTOR OIL**

### **TECHNICAL DATA SHEET**



PENNZOIL® FULL SYNTHETIC SAE 0W-20 MOTOR OIL from the maker of the leading motor oil in America, an advanced proprietary conventional formula with Active Cleansing Agents. Not only helps prevent dirt and contaminants from turning into performance robbing deposits, but also cleans out sludge. Because at Pennzoil® we know, a cleaner engine is better protected and responsive. It meets or exceeds the engine protection required by ILSAC GF-5 and is specially formulated to provide extra protection against the harmful effects of stop-and-go driving and high and low-temperature engine operation.

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

Pennzoil® Fully Synthetic motor oil with Active Cleansing Agents:

- Helps prevent sludge and other damaging deposits.
- Helps clean up engines by gently lifting sludge deposits off engine surfaces and dissolving them safely into the oil.
- Controls high-temperature oxidation and deposits.
- Provides proven wear protection.
- Enhanced emission system protection compared to GF-4 and earlier service categories.

#### **MAIN APPLICATIONS**

Pennzoil® 0W-20 is recommended for use in all vehicles requiring the use of SAE 0W-20 viscosity grade engine oils under all driving conditions. The oil meets or exceeds the North American warranty requirements for U.S., European and Japanese cars and light trucks with gasoline and gasoline turbo-charged engines where API SN with Resource Conserving, SN, SM, SL, SJ etc. oils are specified and SAE 0W-20 is a recommended grade.

PENNZOIL® FULL SYNTHETIC SAE 0W-20 motor oil is designed to provide enhanced fuel economy and provides the same engine protection for use in vehicles currently using SAE 5W-20.

#### **SPECIFICATIONS, APPROVALS & RECOMMENDATIONS**

Exceeds the requirements of the following industry specifications:

- API SN, API SN-RC and all previous categories
- ILSAC GF-5

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

# **PENNZOIL® OW-20 MOTOR OIL**

## **FULL SYNTHETIC MOTOR OIL**

### TYPICAL PHYSICAL CHARACTERISTICS

Properties			Method	Pennzoil® Professional OW-20 Motor Oil
Density		kg/m <sup>3</sup>	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>

#### 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 or Pennzoil Lubricants distributor representatives or Pennzoil technical helpdesk.