

PENNZOIL® FULL SYNTHETIC MOTOR OIL SAE 5W-20

Full Synthetic Motor Oil

TECHNICAL DATA SHEET



Pennzoil® Full Synthetic is designed to let you go farther between oil changes¹. This full synthetic motor oil offers enhanced wear protection in high and low temperatures, helps prevent sludge and deposit buildup, and is suitable for both new and old engines. With our 10,000-mile protection guarantee*, ** PLUS our 10-year, 300,000-mile warranty**, you can have the peace of mind that your engine is protected now and for all the miles ahead.

¹ Compared to Pennzoil® motor oil.

*Lubrication Limited Warranty. Protection for up to 10,000 miles or one year, whichever comes first. Use an oil filter designed for longer oil change intervals and follow OEM Manual and vehicle's oil life sensor to maintain OEM warranty. Excludes severe driving conditions, including racing and commercial use. Enrollment required. Other conditions apply. See pennzoil.com/warranty to enroll and for full details and terms.

**Up to 10 years or 300,000 miles, whichever comes first, if you exclusively use Pennzoil® motor oil, Pennzoil® Professional motor oil, Pennzoil® Gold Synthetic Blend motor oil, Pennzoil® High Mileage motor oil, Pennzoil® High Mileage Full Synthetic motor oil, or Pennzoil® Full Synthetic motor oil. Your engine must have fewer than 125,000 miles and have been manufactured in the past 72 months. To maintain your warranty, change your vehicle's oil and oil filter at least as often as recommended by the vehicle manufacturer. Enrollment required. Keep your receipts. Other conditions apply. See pennzoil.com/warranty to enroll and for full details and terms.

PERFORMANCE, FEATURES & BENEFITS

- Fewer oil changes compared to conventional motor oil.
- Enhanced wear protection in high and low temperatures.¹
- Helps prevent sludge and deposit build up.
- Excellent resistance to oil breakdown in severe environments
- Suitable for use in new and old engines.

¹ Compared to Pennzoil® Conventional motor oil

MAIN APPLICATIONS

Pennzoil® Full Synthetic SAE 5W-20 motor oil 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® Full Synthetic 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 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 SP-Resource Conserving and all previous categories
- ILSAC GF-6A and all previous ILSAC Standards
- Chrysler MS-6395
- Ford WSS-M2C960-A1

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® SAE 5W-20 Full Synthetic Motor Oil
Viscosity Grade			SAE J300	5W-20
Service Category				SP
ILSAC				GF-6A
Density		kg/m³	ASTM D4052	834.2
Flash Point		°C	ASTM D93	240
Pour Point		°C	ASTM D97	-48
Kinematic Viscosity	@40°C	cSt	ASTM D445	45.6
Kinematic Viscosity	@100°C	cSt	ASTM D445	8.3
Viscosity Index			ASTM D2270	158
CCS Viscosity	@-35°C	cP	ASTM D5293	6 390

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 <http://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.