

# PENNZOIL® SAE 5W-20 MOTOR OIL

TECHNICAL DATA SHEET



PENNZOIL® SAE 5W-20 MOTOR OIL from the maker of the leading motor oil in America, an advanced proprietary conventional formula with Active Cleansing Agents. Helps prevent dirt and contaminants from turning into performance robbing deposits. 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.

Redesigned for modern turbocharged engines - API SN PLUS, API SN-Resource Conserving and all previous categories.

## PERFORMANCE, FEATURES & BENEFITS

Pennzoil® SAE 5W-20 Motor Oil with Active Cleansing Technology:

- No leading conventional oil provides better wear protection<sup>1</sup>
- Helps prevent sludge and other damaging deposits.
- Controls high-temperature oxidation and deposits.
- Provides proven wear protection.
- Low-friction formula helps improve gas mileage compared to higher viscosities or the GF-4 and earlier service categories.
- Enhanced emission system protection compared to GF-4 and earlier service categories.
- Low-Speed Pre-Ignition (LSPI) protection for modern turbocharged direct injection gasoline engines.<sup>2</sup>

<sup>1</sup> Based on Sequence IVA wear test on SAE 5W-30

<sup>2</sup> Based on ASTM Sequence IX engine test

## MAIN APPLICATIONS

Pennzoil® 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.

Suitable for modern turbocharged engines where low-speed pre-ignition protection is required.

Pennzoil® SAE 5W-20 Motor Oil can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions.

Always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

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## SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- Chrysler MS-6395
- Ford WSS-M2C930-A
- Ford WSS-M2C945-A
- Ford WSS-M2C945-B1
- GM 6094M

Exceeds the requirements of the following industry specifications:

- API SN PLUS, API SN-RC
- ILSAC GF-5

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® SAE 5W-20 Motor Oil (SN/GF-5)
Viscosity Grade			SAE J300	5W-20
Service Category				API SN PLUS, API SN-RC
ILSAC				GF-5
ACEA				N/A
Density	@15°C	kg/m <sup>3</sup>	ASTM D4052	855.5
Flash Point		°C	ASTM D92	229.0
Flash Point		°C	ASTM D93	211
Pour Point		°C	ASTM D97	-42
Kinematic Viscosity	@100°C	cSt	ASTM D445	8.63
Kinematic Viscosity	@40°C	cSt	ASTM D445	49.01
Viscosity Index			ASTM D2270	155
CCS Viscosity	@-30°C	cP	ASTM D5293	5 170
MRV Viscosity	@-35°C	cP	ASTM D4684	15 600

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® SAE 5W-20 Motor Oil Motor Oil 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® Lubricants distributor representatives or local technical helpdesk.