

# **PENNZOIL® FULL SYNTHETIC HIGH MILEAGE MOTOR OIL SAE 5W-20**

## *Full Synthetic Motor Oil*



### TECHNICAL DATA SHEET

Pennzoil® Full Synthetic High Mileage motor oil is formulated to provide 40% better performance than conventional high mileage motor oil\*. It also allows for fewer oil changes compared to conventional motor oil. So, if your car already requires full synthetic or if you're looking to upgrade from a conventional or synthetic blend high mileage fluids, Pennzoil® Full Synthetic High Mileage is the right choice for you. PENNZOIL® Full Synthetic High Mileage motor oil is formulated for modern turbocharged engines. PENNZOIL® utilizes the advances of synthetic technology to provide enhanced wear protection in high and low temperatures and improved cleanliness over synthetic blend motor oils. It meets or exceeds the engine protection required by ILSAC GF-6.

\* Compared to Pennzoil® Conventional High Mileage Motor Oil

#### PERFORMANCE, FEATURES & BENEFITS

- 40% better performance than conventional motor oil.<sup>1</sup>
- Fewer oil changes compared to conventional motor oil.
- Excellent resistance to oil breakdown in severe environments
- Suitable for use in new and old engines.
- Enhanced wear protection in high and low temperatures

<sup>1</sup> Compared to Pennzoil® Conventional High Mileage motor oil

#### MAIN APPLICATIONS

- Pennzoil Full Synthetic High Mileage 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 High Mileage 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

- Chrysler MS 6395
- Ford WSS-M2C960-A1

Exceeds the requirements of the following industry specifications:

- API SP -Resource Conserving and all previous Categories
- ILSAC GF-6/A

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.

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### TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	PENNZOIL® Full Synthetic High Mileage Motor Oil SAE 5W-20
Viscosity Grade		SAE J300	5W-20
Service Category			SP
ILSAC			GF-6A
Density	kg/m <sup>3</sup>	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>

#### 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 Lubricants distributor representative or 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