

PENNZOIL® EXTENDED CARE™ SAE 0W-20 FULL SYNTHETIC MOTOR OIL

FULL SYNTHETIC MOTOR OIL - MADE FROM NATURAL GAS



TECHNICAL DATA SHEET

Pennzoil® is the first motor oil made from natural gas, not crude. Pennzoil® Extended Care™ SAE 0W-20 full synthetic motor oil with PurePlus Technology is designed for UNBEATABLE ENGINE PROTECTION.

PERFORMANCE, FEATURES & BENEFITS

PurePlus™ Technology is our patented, revolutionary gas-to-liquid process which converts natural gas into a first-of-its-kind extremely high quality full synthetic base oil. Because our base oil is made from natural gas, it is crystal clear with fewer of the impurities found in crude oil, the start for many other traditional and synthetic motor oils. From that pure, clear base we add our high performance additives to create Pennzoil Extended Care™ with PurePlus™ Technology, motor oil designed to help extend engine life.

- Combats engine aging¹
- Provides outstanding engine cleanliness by reducing sludge formation²
- No other leading motor oil provides better wear protection³
- Provides excellent oxidation stability to protect against oil breakdown
- Provides enhanced fuel economy⁴

This product is Carbon Neutral. The CO₂e emissions of the lifecycle of this product have been offset with verified Nature Based Carbon Credits. For full details visit Pennzoil.com

¹ Based on Sequence IIH oxidation & deposit industry standard test and Sequence VH sludge test

² Based on Sequence VH sludge test

³ Based on Sequence IVA wear test using SAE 5W-3

⁴ Based on Sequence VIE fuel economy test

MAIN APPLICATIONS

Pennzoil Extended Care™ SAE 0W-20 Full Synthetic Motor Oil with PurePlus™ Technology is recommended for use in all vehicles requiring the use of SAE 0W-20 viscosity grade engine oils under all driving conditions. Pennzoil Extended Care™ with PurePlus™ Technology can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications.

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.

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Always consult your owners manual for the correct viscosity grade and performance recommendation required for your vehicle.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Meets or exceeds the following OEM requirements:

- Ford WSS-M2C947-A
- Ford WSS-M2C947-B1
- Chrysler MS-6395

Exceeds the requirements of the following industry specifications:

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

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For a full listing of equipment approvals and recommendations, please consult your Technical Helpdesk.

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.

TYPICAL PHYSICAL CHARACTERISTICS

Properties	Method	PENNZOIL® EXTENDED CARE™ SAE 0W-20 FULL SYNTHETIC MOTOR OIL		
Viscosity Grade	SAE J300	0W-20		
API Service Category		SP-Resource Conserving		
ILSAC		GF-6A		
Density	kg/m ³	ASTM D4052	839	
Flash Point	°C	ASTM D93	223	
Pour Point	°C	ASTM D97	-42	
Kinematic Viscosity	@40°C	cSt	ASTM D445	46.5
Kinematic Viscosity	@100°C	cSt	ASTM D445	8.5
Viscosity Index		ASTM D2270	160	
CCS Viscosity	@-35°C	cP	ASTM D5293	5 380
MRV Viscosity	@-40°C	cP	ASTM D4684	17 900

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® Lubricants distributor representatives or local technical helpdesk.