

QUAKER STATE HIGH MILEAGE 5W-20 MOTOR OIL

SYNTHETIC BLEND MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® High Mileage motor oil helps engines defy time giving them more engine life*. How? Quaker State® is a synthetic blend motor oil formulated with extra anti-wear additives to help protect against the wear stresses that high mileage engines experience in everyday driving. What's more, it helps stop leaks from seals and reduces oil consumption in worn engines too.

*Compared to industry standard Sequence IVA

PERFORMANCE, FEATURES & BENEFITS

- Helps reduce wear for more engine life*
- Active seal conditioning agents to keep seals pliable to prevent leaks and oil loss
- Boosted zinc additives for extra wear protection on high-wear surfaces while still protecting catalytic converter efficiencies
- Advanced thermal and oxidative stability to help reduce oil burn-off and maximize power output
- Contains additional friction modifiers for improved fuel economy.
- Delivers protection for vehicles with over 75,000 miles or 120,000 kilometers

*Compared to industry standard Sequence IVA

MAIN APPLICATIONS

Quaker State® High Mileage 5W-20 is recommended for use in all vehicles requiring the use of SAE 5W-20 viscosity grade engine oils under all driving conditions.

Quaker State® High Mileage 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.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Exceeds the requirements of the following industry and OEM specifications:

- API SQ-Resource Conserving and all previous categories
- ILSAC GF-7A and all previous ILSAC Standards
- Chrysler MS-6395
- Ford WSS-M2C970-A1

To find the right Quaker State product for your vehicles and equipment, please consult www.quakerstate.com to look up the right motor oil recommendation using our oil selector.

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TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Quaker State High Mileage 5W-20 Motor Oil
SAE Viscosity			5W-20
API Service Category			SQ
ILSAC			GF-7A
Density	kg/m ³	ASTM D4052	853
Flash Point	°C	ASTM D93	198
Pour Point	°C	ASTM D97	-36
Viscosity	@40°C mm ² /s	ASTM D445	50.0
Viscosity	@100°C mm ² /s	ASTM D445	8.6
Viscosity Index		ASTM D2270	152
CCS Viscosity	@-30°C cP	ASTM D5293	5,000
MRV Viscosity	@-35°C cP	ASTM D4684	13,300

These characteristics are typical of current production. While future production will conform to Quaker State'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 Material Safety Data Sheet, which can be obtained from 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 Quaker State® Lubricants distributor representatives or technical helpdesks.