

QUAKER STATE ALL MILEAGE SAE 5W-20 MOTOR OIL

SYNTHETIC BLEND MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® All Mileage is a synthetic blend motor oil that provides protection for new and old vehicles. It is formulated to provide durable wear protection that helps engines survive daily commutes under all driving conditions. Not only does Quaker State® All Mileage motor oil designed to protect new engines, but it also has anti-wear additives that help protect against wear that high mileage engines experience to help stop leaks and reduce oil consumption in worn engines.

PERFORMANCE, FEATURES & BENEFITS

- Protection for new and old vehicles
- Reduces engine wear
- Combats sludge and deposits
- Conditions seals to prevent and reduce leaks
- Engine protection for any number of miles
- Reduces oil burn-off and oil consumption

MAIN APPLICATIONS

Quaker State® All Mileage SAE 5W-20 is a synthetic blend motor oil recommended for use in all vehicles requiring the use of SAE 5W-20 viscosity grade engine oils under all driving conditions. It can be mixed with other synthetic and mineral oils. Always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

TYPICAL PHYSICAL CHARACTERISTICS

Properties			Method	Quaker State All Mileage SAE 5W-20 Motor Oil
Kinematic Viscosity	@40°C	cSt	ASTM D445	49.8
Kinematic Viscosity	@100°C	cSt	ASTM D445	8.55
Viscosity Index			ASTM D2270	149
Dynamic Viscosity	@-30°C	cP	ASTM D5293	5 000
MRV	@-35°C	cP	ASTM D4684	15 100
Density	@15°C	kg/m ³	ASTM D4052	855.1
Flash Point		°C	ASTM D92	233

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- Chrysler MS 6395
- Ford WSS-M2C945-A, M2C930-A
- Ford WSS-M2C945-B1

Exceeds the requirements of the following industry specifications:

- API SP-Resource Conserving and all previous categories
- ILSAC GF-6A and all previous ILSAC standards

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

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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Properties		Method	Quaker State All Mileage SAE 5W-20 Motor Oil
Flash Point	°C	ASTM D93	209
Pour Point	°C	ASTM D97	-48

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 Safety Data Sheet (SDS) 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 Quaker State® Lubricants distributor representatives or technical helpdesks.