

QUAKER STATE HIGH MILEAGE FULL SYNTHETIC 0W-20

FULL SYNTHETIC MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® High Mileage Full Synthetic motor oil is the best high mileage motor oil of the Quaker State family of products. Specially formulated to provide optimal wear protection for many more miles to come. Quaker State® High Mileage Full Synthetic motor oil not only gives you all of the benefits of Quaker State® Full Synthetic motor oil – like reducing friction to maximize horsepower, protecting against the formulation of sludge and harmful deposits² and providing improved fuel economy¹ – but Quaker State® High Mileage Full Synthetic motor oil conditions the seals in your aging engine to prevent leaks and reduce oil burn-offs. Also designed to protect today's sophisticated engines.

¹ Compared to industry standard

² Based on Sequence IIIH & VH tests on 0W-20 engine oil

PERFORMANCE, FEATURES & BENEFITS

- Formulated for vehicles with more than 75k miles
- Conditions seals to prevent leaks, reduce oil burn offs and oil consumption
- Provides improved fuel economy²
- Reduces friction to maximize horsepower
- Excellent protection against the formation of sludge and harmful deposits¹
- Superior lubrication flow and pumpability at high and low temperatures³
- High resistance to oxidation, keeping the oil fresher for longer
- Compatible with biofuels ranging from E10 to E85 and suitable for hybrid vehicles

¹ Compared to industry standard.

² Based on Sequence IIIH & VH tests

³ Compared to Quaker State (R) motor oil

MAIN APPLICATIONS

- Quaker State® High Mileage Full Synthetic SAE 0W-20 Motor Oil is recommended for use in all vehicles requiring the use of SAE 0W-20 viscosity grade engine oils under all driving conditions.
- SAE 0W-20 viscosity grade oils are commonly recommended for newer vehicles with modern engine technology to provide improved fuel economy and performance.
- Quaker State® High Mileage Full Synthetic 0W-20 can be mixed with other synthetic and mineral oils and is also suitable for use for vehicles calling for SAE 5W-20. However, SAE 0W-20 may not be suitable for use in older engines, so always consult your owner's manual for the correct viscosity grade required for your vehicle.

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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-M2C972-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.

TYPICAL PHYSICAL CHARACTERISTICS

Properties	Method	Quaker State High Mileage Full Synthetic 0W-20
API Service		SQ-RC
ILSAC		GF-7A
Flash Point °C	ASTM D92	241
Density @15°C Kg/m ³	ASTM D4052	833
Pour Point °C	ASTM D97	-48
Kinematic Viscosity @100°C cSt	ASTM D445	8.4
Kinematic Viscosity @40°C cSt	ASTM D445	44.8

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, which can be obtained from <https://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.