

# QUAKER STATE® HIGH MILEAGE FULL SYNTHETIC 10W-30

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 formation of sludge and harmful deposits,<sup>2</sup> and providing improved fuel economy<sup>1</sup> - 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.

## 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 economy<sup>2</sup>
- Reduces friction to maximize horsepower
- Excellent protection against the formation of sludge and harmful deposits<sup>1</sup>
- Superior lubrication flow and pumpability at high and low temperatures<sup>3</sup>
- High resistance to oxidation, keeping the oil fresher for longer
- Compatible with biofuels ranging from E10 to E85 and suitable for hybrid vehicles

<sup>1</sup> Compared to industry standard

<sup>2</sup> Based on the latest industry standard

<sup>3</sup> Compared to Quaker State® motor oil

## MAIN APPLICATIONS

Quaker State® High Mileage Full Synthetic SAE 10W-30 Motor Oil is recommended for use in all vehicles requiring the use of SAE 10W-30 viscosity grade engine oils under all driving conditions. It can be mixed with other synthetic or mineral oils. 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

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

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## FULL SYNTHETIC MOTOR OIL

### TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Quaker State® High Mileage Full Synthetic 10W-30
Density	kg/m <sup>3</sup>	ASTM D4052	842.0
Flash Point	°C	ASTM D93	217
Flash Point	°C	ASTM D92	239
Pour Point	°C	ASTM D97	-51
Kinematic Viscosity	@ 40°C cSt	ASTM D445	65.15
Kinematic Viscosity	@ 100°C cSt	ASTM D445	10.48
Viscosity Index		ASTM D2270	149
MRV viscosity	@-30°C cP	ASTM D4684	8 700

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.