

# QUAKER STATE ALL MILEAGE SAE 10W-40 MOTOR OIL

CONVENTIONAL MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® All Mileage SAE 10W-40 motor oil is recommended for use in all vehicles requiring the use of SAE 10W-40 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.

## 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 10W-40 motor oil is recommended for use in all vehicles requiring the use of SAE 10W-40 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 10W-40 Motor Oil
SAE Viscosity			10W-40
Density	kg/m <sup>3</sup>	ASTM D4052	869
Flash Point	°C	ASTM D93	200
Pour Point	°C	ASTM D97	-33
Kinematic Viscosity	@40°C mm <sup>2</sup> /s	ASTM D445	108.0
Kinematic Viscosity	@100°C mm <sup>2</sup> /s	ASTM D445	15.7
Viscosity Index		ASTM D2270	154
CCS Viscosity	@-25°C Cp	ASTM D5293	6 210

## SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Exceeds the requirements of the following industry specifications:

- API SP and all previous categories

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](http://www.quakerstate.com) to look up the right motor oil recommendation using our oil selector.

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## CONVENTIONAL MOTOR OIL

Properties			Method	Quaker State All Mileage SAE 10W-40 Motor Oil
MRV Viscosity	@-30°C	Cp	ASTM D4684	31 000

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.