

# QUAKER STATE ALL MILEAGE 20W-50 MOTOR OIL

CONVENTIONAL MOTOR OIL

TECHNICAL DATA SHEET



Quaker State All Mileage<sup>®</sup> motor oil provides durable wear protection that helps engines survive daily commutes from sustained high-speed highway operation to repetitive, stop-and-go traffic.

## PERFORMANCE, FEATURES & BENEFITS

- Keeps engine clean and responsive
- Provides proven wear protection
- Suitable for all car, SUV, light van and truck gasoline engines; under all driving conditions.

## MAIN APPLICATIONS

- This product is recommended for use in all vehicles requiring the use of SAE 20W-50 viscosity grade engine oils under all driving conditions.
- This product 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.

## TYPICAL PHYSICAL CHARACTERISTICS

## SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Exceeds the requirements of the following industry specifications:

- API SN and all previous Categories

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

Properties	Method	Quaker State All Mileage 20W-50 Motor Oil
Viscosity Grade	SAE J300	20W-50
Service Category		SN
ILSAC		N/A
ACEA		N/A
Density kg/m <sup>3</sup>	ASTM D4052	880
Flash Point	ASTM D93	214
Pour Point	ASTM D97	-33
Kinematic Viscosity @40°C cSt	ASTM D445	161.4
Kinematic Viscosity @100°C cSt	ASTM D445	17.5
Viscosity Index	ASTM D2270	120

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Properties			Method	Quaker State All Mileage 20W-50 Motor Oil
CCS Viscosity	@-15°C	cP	ASTM D5293	7 500
MRV Viscosity	@-20°C	cP	ASTM D4684	25 000

These characteristics are typical of current production. While future production will conform to Quaker State's<sup>®</sup> 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>

### • 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 Shell Lubricants distributor representative or Shell Technical Helpdesk.