

QUAKER STATE SAE 20W-50 MOTOR OIL

CONVENTIONAL MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® 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

- Reduces engine wear.
- Combats engine sludge and deposits.
- Maintains required viscosity from start to finish providing optimal protection.
- Provides corrosion protection against harmful acids generated by engine contaminants

MAIN APPLICATIONS

Quaker State® SAE 20W- 50 Conventional Motor Oil is recommended for use in all vehicles requiring the use of SAE 20W-50 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.

TYPICAL PHYSICAL CHARACTERISTICS

| Properties | | Method | Quaker State SAE 20W-50 Motor Oil |
|----------------------|---------------------------|------------|-----------------------------------|
| SAE Viscosity | | | 20W-50 |
| API Service Category | | | SN |
| ILSAC | | | N/A |
| Density | kg/m ³ | ASTM D4052 | 879 |
| Flash Point | °C | ASTM D93 | 204 |
| Pour Point | °C | ASTM D97 | -29 |
| Kinematic Viscosity | @40°C mm ² /s | ASTM D445 | 160.8 |
| Kinematic Viscosity | @100°C mm ² /s | ASTM D445 | 17.7 |
| Viscosity Index | | ASTM D2270 | 122 |

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 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 SAE 20W-50 Motor Oil |
|---------------|--------|----|------------|-----------------------------------|
| CCS Viscosity | @-15°C | Cp | ASTM D5293 | 7 520 |
| MRV Viscosity | @-20°C | Cp | ASTM D4684 | 19 900 |

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.