Quaker State® Full Synthetic motor oil is the best of the Quaker State family of products, reducing friction to maximize horsepower, protecting against the formulation of sludge and harmful deposits, and providing improved fuel economy. It is a high quality full synthetic motor oil specially formulated to deliver strong engine performance. Quaker State® Full Synthetic motor oil is designed to protect today’s sophisticated engines such as modern turbocharged engines.

1 Based on the latest industry standard

PERFORMANCE, FEATURES & BENEFITS

- Provides improved fuel economy
- Reduces friction to maximize horsepower
- Excellent protection against the formation of sludge and harmful deposits
- Superior lubrication flow and pumpability at high and low temperatures
- High resistance to oxidation, keeping the oil fresher for longer

1 Based on the latest industry standard

2 Compared to Quaker State (R) motor oil

MAIN APPLICATIONS

Quaker State® Full Synthetic SAE 5W-20 Motor Oil is recommended for use in all vehicles requiring the use of SAE 5W-20 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.

The unique properties of Quaker State® Full Synthetic motor oil are especially apparent in the following applications:

- Technologically advanced engines
- New and older vehicles, especially high performance vehicles such as sport cars, SUVs, trucks and minivans
- Compatible with biofuels ranging from E10 to E85 and suitable for hybrid vehicles

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- Chrysler MS-6395
- GM dexos1™ Gen 3 (license D335EJGD014)
- Ford WSS-M2C960-A1

Exceeds the requirements of the following industry specifications:

- API SP-Resource Conserving and all previous Categories
- ILSAC GF-6A

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.
# Quaker State Full Synthetic SAE 5W-20 Motor Oil

## Passenger Car Motor Oil

### Typical Physical Characteristics

<table>
<thead>
<tr>
<th>Properties</th>
<th>Method</th>
<th>Quaker State Full Synthetic SAE 5W-20 Motor Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity Grade</td>
<td>SAE</td>
<td>5W-20</td>
</tr>
<tr>
<td>API Service</td>
<td></td>
<td>SP-RC</td>
</tr>
<tr>
<td>ILSAC</td>
<td></td>
<td>GF-6A</td>
</tr>
<tr>
<td>GM</td>
<td></td>
<td>dexos 1™ Gen 3</td>
</tr>
<tr>
<td>ACEA</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Density</td>
<td>kg/m³</td>
<td>ASTM D4052</td>
</tr>
<tr>
<td>Flash Point</td>
<td>ºC</td>
<td>ASTM D93</td>
</tr>
<tr>
<td>Pour Point</td>
<td>ºC</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>@40ºC</td>
<td>cSt</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>@100ºC</td>
<td>cSt</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td></td>
<td>ASTM D2270</td>
</tr>
<tr>
<td>CCS Viscosity</td>
<td>@-30ºC</td>
<td>cP</td>
</tr>
<tr>
<td>MRV Viscosity</td>
<td>@-35ºC</td>
<td>cP</td>
</tr>
</tbody>
</table>

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

* **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.