

QUAKER STATE SAE 5W-30 MOTOR OIL

SYNTHETIC BLEND MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® is a synthetic blend motor oil that 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® Synthetic Blend SAE 5W-30 Motor Oil is recommended for use in all vehicles requiring the use of SAE 5W-30 viscosity grade engine oils under all driving conditions. It can be mixed with other synthetic or mineral oils.
- 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

Meets or exceeds the following OEM requirements:

- GM 6094M
- Chrysler MS-6395
- Ford WSS M2C946-A, Ford WSS M2C946-B1

Exceeds the requirements of the following industry specifications:

- API SP
- API SP-Resource Conserving, API SN PLUS, and all previous categories
- ILSAC GF-6A and all previous ILSAC Standards

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.

TYPICAL PHYSICAL CHARACTERISTICS

Properties	Method	Quaker State SAE 5W-30 Motor Oil
SAE Viscosity Grade		5W-30
API Service Category		SP-RC
ILSAC		GF-6A
Density @15°C	kg/m ³	ASTM D4052 857.3
Flash Point	°C	ASTM D92 236
Flash Point	°C	ASTM D93 212

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Properties			Method	Quaker State SAE 5W-30 Motor Oil
Pour Point		°C	ASTM D97	-45
Kinematic Viscosity	@40°C	cSt	ASTM D445	68.25
Kinematic Viscosity	@100°C	cSt	ASTM D445	11.09
Viscosity Index			ASTM D2270	155
Dynamic Viscosity	@-30°C	cP	ASTM D5293	6 370
MRV	@-35°C	cP	ASTM D4684	28 300

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.