

QUAKER STATE SYNTHETIC BLEND SAE 5W-30 MOTOR OIL

PASSENGER CAR MOTOR OIL

TECHNICAL DATA SHEET



Whether driving your vehicle in stop-and-go traffic or pulling heavy loads, hard-working vehicles experience stress that can break down oil and lead to friction-related wear. Quaker State Synthetic Blend motor oil is specially formulated to resist breakdown and deliver optimal performance. It is also dexos1™ Gen 2 approved for use in all GM vehicles with gasoline engines and protects modern turbocharged engines.

PERFORMANCE, FEATURES & BENEFITS

- Formulated for GM vehicles.
- Controls high-temperature oxidation.
- Reduces engine wear.
- Combats sludge and deposits.
- Improved resistance to engine stress at high RPM's, short trips and under heavy loads.
- Enhanced resistance to thermal and viscosity breakdown.

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. 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:

- Chrysler MS-6395
- Ford WSS M2C946-A, Ford WSS M2C946-B1
- GM dexos1™ Gen 2 (license D10040GD014)

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.

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TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Quaker State Synthetic Blend SAE 5W-30 Motor Oil
SAE Viscosity			5W-30
API Service Category			SP-RC
ILSAC			GF-6A
Density	kg/m ³	ASTM D4052	842
Flash Point	°C	ASTM D93	235
Pour Point	°C	ASTM D97	-45
Kinematic Viscosity	@ 40°C mm ² /s	ASTM D445	66.71
Kinematic Viscosity	@ 100°C mm ² /s	ASTM D445	11.34
Viscosity Index		ASTM D2270	164
CCS Viscosity	@-30°C cP	ASTM D5293	3 810
MRV Viscosity	@-35°C cP	ASTM D4684	12 700

These characteristics are typical of current production. While future production will conform to Quaker State® 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.