

QUAKER STATE FULL SYNTHETIC SAE 5W-30 MOTOR OIL

FULL SYNTHETIC MOTOR OIL

TECHNICAL DATA SHEET



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 economy¹. 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 latest industry standard

PERFORMANCE, FEATURES & BENEFITS

- Provides improved fuel economy¹
- Reduces friction to maximize horsepower
- Excellent protection against the formation of sludge and harmful deposits
- Superior lubrication flow and pumpability at high and low temperatures²
- High resistance to oxidation, keeping the oil fresher for longer

¹ Based on latest industry standard

² Compared to Quaker State® Motor Oil

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Meets or exceeds the requirements of the following industry and OEM specifications:

- API SQ-Resource Conserving and all previous categories
- ILSAC GF-7A and all previous ILSAC Standards
- Chrysler MS-6395
- Ford WSS-M2C971-A1

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.

MAIN APPLICATIONS

- Quaker State® Full Synthetic 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.

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TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Quaker State Full Synthetic SAE 5W-30 Motor Oil
Viscosity Grade			5W-30
API Service			SQ-RC
ILSAC			GF-7A
Density	kg/m ³	ASTM D4052	837
Flash Point	°C	ASTM D93	234
Pour Point	°C	ASTM D97	-50
Kinematic Viscosity	@40°C cSt	ASTM D445	66.65
Kinematic Viscosity	@100°C cSt	ASTM D445	11.60
Viscosity Index		ASTM D2270	170
CCS Viscosity	@-30°C cP	ASTM D5293	3 800
MRV Viscosity	@-35°C cP	ASTM D4684	12 550

These characteristics are typical of current production. Whilst 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>

Safety data sheet available on request. For Health Emergencies or Consumer Information call 1-877-276-7285.

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.