

QUAKER STATE® ENHANCED DURABILITY™ SAE 5W-20 SYNTHETIC BLEND MOTOR OIL

SYNTHETIC BLEND PASSENGER CAR MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® Enhanced Durability™ Synthetic Blend motor oil provides more performance¹ because some engines are asked to work harder than others. Quaker State® Enhanced Durability™ synthetic blend coats your motor with a low-friction, heat-resistant film that reduces metal-to-metal contact when temperatures and stress levels are high. Just how durable is it? We subject it to hundreds of thousands of miles of brutal city driving - tested in taxi fleets across North America - to ensure it delivers reliable performance over the distance. Protects modern turbocharged engines - API SN PLUS, API SN and all previous categories.

1 Compared to Quaker State® Conventional

PERFORMANCE, FEATURES & BENEFITS

- Great for hard-working trucks, SUVs, Crossovers and Minivans.
- Excellent protection against friction-related wear¹
- Improved resistance to engine stress at high RPM's and under heavy loads¹
- Enhanced resistance to thermal and viscosity breakdown¹
- Excellent lubrication in freezing temperatures¹
- Low-speed pre-ignition protection for modern turbocharged engines²

1 Comparison based on Quaker State® Conventional.

2 Basis industry standard Seq IX LSPI test run at an independent laboratory.

MAIN APPLICATIONS

Quaker State® Enhanced Durability™ Synthetic Blend is recommended for use in all vehicles requiring the use of SAE 5W-20 viscosity grade engine oils under all driving conditions. SAE 5W-20 viscosity grade oils are commonly recommended for use in many new vehicles with modern engine technology for maximum fuel economy and performance.

It is also suitable for use in modern direct injection turbocharged gasoline engines where it provides protection against damaging low-speed pre-ignition (LSPI).

Quaker State® Enhanced Durability™ Synthetic Blend can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions. SAE 5W-20 may not be suitable for use in older engines, so always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- Chrysler MS 6395
- Ford WSS-M2C930-A, M2C945-A, M2C945-B1
- General Motors GM 6094M

Exceeds the requirements of the following industry specifications:

- API SN PLUS
- API SN and all previous categories
- ILSAC GF-5

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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® Enhanced Durability™ SAE 5W-20 Synthetic Blend Motor Oil
Kinematic Viscosity @40°C cSt	ASTM D445	49.86
Kinematic Viscosity @100°C cSt	ASTM D445	8.64
Viscosity Index	ASTM D2270	152
Dynamic Viscosity @-30°C cP	ASTM D5293	4 560
MRV @-35°C cP	ASTM D4684	13 100
Density @15°C kg/m ³	ASTM D4052	851
Flash Point °C	ASTM D92	242
Flash Point °C	ASTM D93	214
Pour Point °C	ASTM D97	-51

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 <http://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.