

QUAKER STATE® 5W-30 SYNTHETIC BLEND 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 is specially formulated to resist breakdown and deliver more performance.¹ It is also dexos 1™ approved for use in all GM vehicles with gasoline engines.

¹ Compared to Quaker State® Conventional.

PERFORMANCE, FEATURES & BENEFITS

- Better protection against friction-related wear,² especially as temperatures increase.
- Improved resistance to engine stress at high RPM's, short trips and under heavy loads.
- Enhanced resistance to thermal and viscosity breakdown.
- Better protection in low and high temperatures.

² Compared to industry standard Sequence IVA.

MAIN APPLICATIONS

Quaker State® Synthetic Blend is recommended for use in all vehicles requiring the use of SAE 5W-30 viscosity grade engine oils under all driving conditions. SAE 5W-30 viscosity grade oils are commonly recommended for use in many new vehicles with modern engine technology for maximum fuel economy and performance.

Quaker State® 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-30 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

- GM dexos1™ (license GB1B0618014)

Exceeds the requirements of the following industry specifications:

- API SN
- ILSAC GF-5

For a full listing of equipment approvals and recommendations, please consult your local Technical Help Desk.

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® Synthetic Blend Motor Oil
SAE Viscosity		5W-30
API Service Category		SN
ILSAC		GF-5
GM		dexos 1
ACEA		N/A

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QUAKER STATE® 5W-30 SYNTHETIC BLEND MOTOR OIL

Properties		Method	Quaker State® Synthetic Blend Motor Oil
Density	kg/m ³	ASTM D4052	837
Flash Point	°C	ASTM D93	235
Pour Point	°C	ASTM D97	-45
Kinematic Viscosity	@ 40°C mm ² /s	ASTM D445	64.6
Kinematic Viscosity	@ 100°C mm ² /s	ASTM D445	11.3
Viscosity Index		ASTM D2270	169
CCS Viscosity	@-30°C cP	ASTM D5293	4,180
MRV Viscosity	@-35°C cP	ASTM D4684	11,600

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 Material Safety Data Sheet (MSDS), which can be obtained from 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 help desks.