

QUAKER STATE EURO L FULL SYNTHETIC SAE 5W-30 MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® Euro L Full Synthetic SAE 5W-30 motor oil is specially formulated to protect select European vehicles. It reduces friction to maximize horsepower, protects against the formation of sludge and harmful deposits, and provides improved fuel economy.¹ It is a high quality full synthetic motor oil specially formulated to offer protection required for European vehicles.

¹ Based on latest industry standard.

PERFORMANCE, FEATURES & BENEFITS

- Provides protection required for European Vehicles.
- Provides improved fuel economy.¹
- Reduces friction to maximize horsepower.
- Excellent protection against the formation of sludge and harmful deposits.
- Superior lubrication flow and pumpability at high and low temperatures.²
- High resistance to oxidation, keeping the oil fresher for longer.

¹ Based on latest industry standard

² Compared to Quaker State® Motor Oil

MAIN APPLICATIONS

The unique properties of Quaker State® Euro L Full Synthetic SAE 5W-30 motor oil are especially apparent in the following applications:

- European vehicles
- Technologically advanced engines
- New and older vehicles, especially high performance vehicles such as sport cars, SUVs, trucks and minivans

- Vehicles driven in extreme temperatures
- Suitable for use in diesel engines using diesel particulate filter (DPF) technology where its low-SAPS formulation helps protect DPF systems from plugging.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Meets or exceeds the following OEM requirements.

- BMW LL-04
- Chrysler MS-11106
- MB-Approval 229.31, MB-Approval 229.51

Exceeds the requirements of the following industry specifications:

- API SN and all previous Categories
- ACEA C3

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 Euro L Full Synthetic SAE 5W-30 Motor Oil
SAE Viscosity Grade				5W-30
API Service Category				SN
ACEA				C3
Density	@15°C	kg/m ³	ASTM D4052	849
Pour Point			ASTM D97	-45
Flash Point			ASTM D92	242
Flash Point			ASTM D93	213
Kinematic Viscosity	@40°C	cSt	ASTM D445	70.2
Kinematic Viscosity	@100°C	cSt	ASTM D445	13
Viscosity Index			ASTM D2270	189
CCS Viscosity	@-35°C	cP	ASTM D5293	5 150
MRV	@-40°C	cP	ASTM D4684	16 800

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.