

QUAKER STATE® ULTIMATE DURABILITY™ EUROPEAN 5W-40 FULL SYNTHETIC MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® Ultimate Durability™ European 5W-40 Full Synthetic Motor Oil offers More Wear Protection¹, More Engine Life¹, and More Performance² specially formulated to protect today's sophisticated European engines.

¹ Compared to industry standard Sequence IVA

² Compared to Quaker State® Conventional

PERFORMANCE, FEATURES & BENEFITS

More protection

No leading synthetic motor oil provides better protection from friction-related wear¹

More engine life

As your engine temperature increases, heat-activated viscosity improvers and anti-wear additives kick-in to maintain oil thickness to help extend engine life¹

More performance

Excellent lubrication in freezing temperatures²

Improved resistance to engine stress at high engine speeds or under heavy loads²

Superior resistance to thermal and viscosity breakdown²

Excellent protection against the formation of sludge and other harmful deposits²

¹ Compared to industry standard Sequence IVA.

² Compared to Quaker State® Conventional.

MAIN APPLICATIONS

The unique properties of Quaker State® Ultimate Durability™ Full Synthetic 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.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- BMW LL-01
- Chrysler MS-10725, MS-10850
- MB-Approval 229.3, MB-Approval 229.5
- Porsche A40
- VW 502.00/505.00

Exceeds the requirements of the following industry specifications:

- API SN/CF
- ACEA A3/B3-10, A3/B4-10

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.

QUAKER STATE® ULTIMATE DURABILITY™

EUROPEAN 5W-40 FULL SYNTHETIC MOTOR OIL

TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Quaker State® Ultimate Durability™ Full Synthetic Motor Oil
Viscosity Grade			5W-40
API Service Category			SN/CF
ACEA			A3/B3-10/B4-10
Density	kg/m ³	ASTM D4052	848
Flash Point	°C	ASTM D93	215
Pour Point	°C	ASTM D97	-39
Viscosity	@40°C mm ² /s	ASTM D445	80.8
Viscosity	@100°C mm ² /s	ASTM D445	13.3
Viscosity Index		ASTM D2270	167
CCS Viscosity	@-35°C Cp	ASTM D5293	6,300
MRV Viscosity	@-35°C Cp	ASTM D4684	19,500

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 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.