

QUAKER STATE ULTIMATE PROTECTION FULL SYNTHETIC 5W-30

FULL SYNTHETIC MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® Ultimate Protection Full Synthetic motor oil is the best Full Synthetic motor oil in the Quaker State family of products and is specially formulated to help provide optimal engine protection for modern and turbocharged engines.

PERFORMANCE, FEATURES & BENEFITS

- Provides the best wear protection in the Quaker State® family¹
- High resistance to oxidation, keeping the oil fresher for longer
- Reduces friction to maximize horsepower.²
- Superior lubrication flow and pumpability at high and low temperatures²
- Provides improved fuel economy³
- Excellent protection against the formation of sludge and harmful deposits⁴

¹ Compared to industry standard Sequence IVA

² Compared to Quaker State(r) motor oil

³ Based on latest industry standard

⁴ Based on Sequence IIIH & VH tests on OW-20 engine oil

MAIN APPLICATIONS

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

Always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Exceeds the requirements of the following industry and OEM specifications:

- API SP-Resource Conserving and all previous Categories
- ILSAC GF-6A and all previous ILSAC Standards
- Ford WSS-M2C961-A
- Ford WSS-M2C961-A1
- Chrysler MS-6395, MS-13340
- GM 6094M
- GM dexos1™ Gen 3
- GM dexos1™ Gen 3 (License # D335ACD)800)

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.

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

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TYPICAL PHYSICAL CHARACTERISTICS

Properties	Method	Quaker State Ultimate Protection Full Synthetic 5W-30		
Viscosity Grade	SAE J300	5W-30		
Service Category		SP-RC		
ILSAC		GF-6A		
Density	kg/m ³	ASTM D4052	836	
Flash Point	°C	ASTM D93	237	
Pour Point	°C	ASTM D97	-42	
Kinematic Viscosity	@ 40°C	cSt	ASTM D445	66.4
Kinematic Viscosity	@ 100°C	cSt	ASTM D445	11.7
Viscosity Index		ASTM D2270	173	
CCS Viscosity	@-30°C	cP	ASTM D5293	3 650
MRV Viscosity	@-35°C	cP	ASTM D4684	6 650

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 (SDS), 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 Helpdesk.