

QUAKER STATE ULTIMATE PROTECTION FULL SYNTHETIC 0W-20

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® motor oil

³ Based on latest industry standard

⁴ Based on Sequence IIIH & VH tests on 0W-20 motor oil

MAIN APPLICATIONS

- Quaker State® Ultimate Protection Full Synthetic SAE 0W-20 motor oil is recommended for use in all vehicles requiring the use of SAE 0W-20 viscosity grade engine oils under all driving conditions.
- SAE 0W-20 viscosity grade oils are commonly recommended for newer vehicles with modern engine technology to provide improved fuel economy and performance.

- Quaker State® Ultimate Protection Full Synthetic SAE 0W-20 can be mixed with other synthetic and mineral oils and is also suitable for use for vehicles calling for SAE 5W-20. However, SAE 0W-20 may not be suitable for use in older engines, so always consult your owner's manual for the correct viscosity grade required for your vehicle.
- New and older vehicles, especially high performance vehicles such as sport cars, SUVs, trucks and minivans
- Suitable for SAE 5W-20 application

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

Exceeds the requirements of the following industry and OEM specifications:

- API SQ-Resource Conserving and all previous categories
- ILSAC GF-7A and all previous ILSAC Standards
- Chrysler MS-6395
- Ford WSS-M2C972-A1

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 Ultimate Protection Full Synthetic 0W-20		
Viscosity Grade	SAE J300	0W-20		
Service Category		SQ-RC		
ILSAC		GF-7A		
Density	kg/m ³	ASTM D4052	833	
Flash Point	°C	ASTM D93	241	
Pour Point	°C	ASTM D97	-48	
Kinematic Viscosity	@ 40°C	cSt	ASTM D445	44.8
Kinematic Viscosity	@ 100°C	cSt	ASTM D445	8.4
Viscosity Index			ASTM D2270	165
CCS Viscosity	@-35°C	cP	ASTM D5293	4 881
MRV Viscosity	@-40°C	cP	ASTM D4684	14 900

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>

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 helpdesks.