

# QUAKER STATE® ADVANCED DURABILITY™ 5W-30 MOTOR OIL

CONVENTIONAL MOTOR OIL

TECHNICAL DATA SHEET



Quaker State® Advanced Durability™ Motor Oil provides more protection,<sup>1</sup> helping engines survive daily commutes from sustained high-speed highway operation to repetitive, stop-and-go traffic. And we put our oil through real-world testing in taxi fleets across North America to ensure it delivers tough, reliable performance over the distance.

<sup>1</sup> Compared to industry standard Sequence IVA

## PERFORMANCE, FEATURES & BENEFITS

- 2x better wear protection than wear standards set by top American and Japanese manufacturers.
- Maintains required viscosity from start to finish providing optimal protection.
- Provides corrosion protection against harmful acids generated by engine containments.

## MAIN APPLICATIONS

Quaker State® Advanced Durability™ Motor Oil 5W-30 is recommended for use in all vehicles requiring the use of SAE 5W-30 viscosity grade engine oils under all driving conditions.

Quaker State® Advanced Durability™ 5W-30 can be mixed with other synthetic and mineral oils and is recommended for use in all vehicle applications under all driving conditions. Always consult your owner's manual for the correct viscosity grade and performance recommendation required for your vehicle.

## TYPICAL PHYSICAL CHARACTERISTICS

| Properties           | Method | Quaker State® Advanced Durability™ Motor Oil |
|----------------------|--------|--|
| SAE Viscosity        |        | 5W-30  |
| API Service Category |        | SN   |
| ILSAC                |        | GF-5   |
| ACEA                 |        | N/A  |

## SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- Chrysler MS-6395
- Ford WSS-M2C929-A, Ford WSS-M2C946-A
- GM 6094M

Exceeds the requirements of the following industry specifications:

- API SN and all previous categories
- 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](http://www.quakerstate.com) to look up the right motor oil recommendation using our oil selector.

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| Properties          |                   | Method     | Quaker State® Advanced Durability™ Motor Oil |
|---------------------|-------------------|------------|--|
| Density             | kg/m <sup>3</sup> | ASTM D4052 | 856  |
| Flash Point         | °C                | ASTM D93   | 218  |
| Pour Point          | °C                | ASTM D97   | -33  |
| Kinematic Viscosity | @40°C cSt         | ASTM D445  | 63.4   |
| Kinematic Viscosity | @100°C cSt        | ASTM D445  | 10.6   |
| Viscosity Index     |                   | ASTM D2270 | 158  |
| CCS Viscosity       | @-30°C Cp         | ASTM D5293 | 5,840  |
| MRV Viscosity       | @-35°C Cp         | ASTM D4684 | 21,900                                       |

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 Material Safety Data Sheet (MSDS), which can be obtained from [www.epc.shell.com](http://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.

