

QUAKER STATE HD SAE 40 MOTOR OIL

CONVENTIONAL MOTOR OIL

TECHNICAL DATA SHEET



Quaker State[®] motor oil provides durable wear protection that helps engines survive daily commutes from sustained high-speed highway operation to repetitive, stop-and-go traffic.

PERFORMANCE, FEATURES & BENEFITS

- Reduces engine wear.
- Combats engine sludge and deposits.
- Maintains required viscosity from start to finish providing optimal protection.
- Provides corrosion protection against harmful acids generated by engine contaminants.

MAIN APPLICATIONS

Quaker State[®] HD 40 Motor Oil is recommended for use in all vehicles requiring the use of SAE 40 viscosity grade engine oils under all driving conditions.

Quaker State[®] HD 40 Motor Oil can be mixed with other synthetic and mineral oils. 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 specifications:

- API SN and all previous categories

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.

TYPICAL PHYSICAL CHARACTERISTICS

Properties		Method	Quaker State HD SAE 40 Motor Oil
SAE Viscosity			40
API Service Category			SN
ILSAC			N/A
GM			N/A
ACEA			N/A
Density	kg/m ³	ASTM D4052	881
Flash Point	°C	ASTM D93	223
Pour Point	°C	ASTM D97	-24
Kinematic Viscosity	@40°C cSt	ASTM D445	123.4

QUAKER STATE HD SAE 40 MOTOR OIL

CONVENTIONAL MOTOR OIL

Properties			Method	Quaker State HD SAE 40 Motor Oil
Kinematic Viscosity	@100°C	cSt	ASTM D445	13.3
Viscosity Index			ASTM D2270	102
CCS Viscosity	°C	cP	ASTM D5293	N/A
MRV Viscosity	°C	cP	ASTM D4684	N/A

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>

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.