

QUAKER STATE® UNIVERSAL 2-CYCLE ENGINE OIL FOR AIR COOLED ENGINES



TECHNICAL DATA SHEET

Quaker State® Universal 2-Cycle Engine Oil is a premium formulation blended from high viscosity index, paraffinic base stocks. These oils are fortified with low-ash-forming detergent additives, extreme pressure anti-wear components, a pour depressant and a coupling agent to enhance oil-gasoline mixtures.

Quaker State® Universal 2-Cycle Engine Oil can be used with oxygenated/gasohol fuels and current 87 octane rated gasolines. High flash solvents meet NFPA Class IIIB standards for easy warehouse storage. Meets current JASO standards FA & FB and exceeds API service level TC.

Designed for use in hot running, air-cooled 2-cycle engines of chainsaws, lawnmowers, leaf blowers, string trimmers, edgers and motorcycles. Can be mixed at any ratio with gasoline as specified in the equipment owner's manual.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

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.

TYPICAL PHYSICAL CHARACTERISTICS

Properties	Method		QS Universal 2-Cycle Engine Oil for Air Cooled Engines (TC/FA/FB)
Gravity	15.6°C(60°F)	°API	30.0
Viscosity	@ 40°C	cSt (SUS)	63.4 (294)
Viscosity	@ 100°C	cSt (SUS)	8.66 (54.6)
Viscosity Index			109
Pour Point	Max	°C (°F)	-12 (10)
Flash Point	PMCC Min	°C (°F)	144 (290)
Color			Red
Material Code	24/8	Ounce	12480

These characteristics are typical of current production. While future production will conform to Quaker State's® specification, variations in these characteristics may occur.

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HEALTH, SAFETY & ENVIRONMENT

Health and Safety

Quaker State® Universal 2-Cycle Engine Oil 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 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 Shell or Shell Lubricants distributor representatives or technical help desks.