



VR1 Racing SAE 10W-40

Valvoline VR-1 Racing 10W-40 Engine Oil is high performance racing lubricant formulated to provide high load carrying characteristics, minimum foaming and maximum resistance to thermal degradation. Exclusive chemistry reduces internal friction and enhances power output under extreme service conditions.

Specifications and Approvals

VR1 Racing SAE 10W-40*

API SJ

API CD

*Check owners' manual before use.

Applications

Valvoline VR-1 Racing Motor Oil is for use in any car, light truck, or van where API "SJ" is recommended (refer to owner's handbook for proper viscosity grade).

Valvoline VR-1 Racing Motor Oil is recommended for engines burning gasoline and full or partial alcohol fuels in track and street service. VR1 Racing should be drained at the completion of each track day or when excess fuel dilution is observed especially with alcohol fuels or competition/race fuels.

Note: VR1 Racing 10W-40 motor may be unsuitable for use in some engines, always consult owners' manual or engine builder if in doubt.

Features and Benefits

Compatible with racing fuels

Suitable for use Petrol, E10, E85 and Competition fuel (avgas, methanol, nitro, and methanol)

Competition application

Designed for high performance application 4, 6, V6, V8, naturally aspirated, supercharged & single/twin turbocharged engines

Resists Thermal Breakdown

Ensure consistent lubrication protects under high RPM with improved oil film strength and reduced oil consumption

Wear protection

High levels of Zinc (ZDDP) additive provides tough anti-wear protection.

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

VR1 Racing	Typical
SAE Viscosity Grade	10W-40
Viscosity @ 100 °C, mm ² /s, ASTM D445	15.40
Viscosity @ 40 °C, mm ² /s, ASTM D445	101.9
Viscosity Index, ASTM D2270	159
Density @ 15 °C, kg/L, ASTM D4052	0.8684
Total Base Number, mg KOH/g, ASTM D2896	8.4
CCS Viscosity, mPa.s @ -25 °C, ASTM D5293	6400
Flash Point (COC), °C, ASTM D92	222
Pour Point, °C, ASTM D5950	-45

Note: VR1 Racing SAE 10W-40 engine oil may be unsuitable for use in some engines, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
1166.05	5L

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

Author:

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