

Product Information

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Lubricants - Engine Oil - Passenger Car Motor Oils

Version: 025/06a

VR1™ Racing Motor Oil SAE 5W-50

Premium synthetic competition-proven passenger car motor oil – Delivers ultimate performance in turbo petrol engines of passenger cars, racing and rally cars.

VR1 Racing SAE 5W-50 motor oil has been formulated for ultimate performance in turbo and non-turbo petrol engines of passenger cars race cars. Extra additives resist extreme operating conditions during rallying and racing.

Approvals/Performance levels

SAE 5W-50
API SM
ACEA A3/B4
Ford M2C-153E
GM 6094M
Koenigsegg

Applications

For ultimate performance in turbo and non-turbocharged petrol engines of passenger cars and race cars.

Offers extra reserve needed to resist extreme operating conditions during rallying and racing.

Very high quality synthetic motor oil, suitable for Koenigsegg sports cars.

Features and Benefits

Optimum performance

Exclusive competition-proven chemistry reduces internal friction and enhances power output.

Breakdown resistance

Enhanced thermal and oxidation stability resists oil breakdown.

Wear protection

Zinc additive package provides tough anti-wear protection.

Protection under extreme conditions

Race-proven exclusive chemistry delivers enhanced power output under high temperatures. Formulated with enhanced anti-foam system for superior protection at high rpm.

Engine Cleanliness

Keeps the engine clean and in good condition

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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

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

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 motor oil	
SAE Viscosity Grade	5W-50
Viscosity, mm ² /s @ 100 °C ASTM D-445	18.0
Viscosity, mm ² /s @ 40 °C ASTM D-445	109
Viscosity Index ASTM D2270	183
Viscosity, mPa.s -30°C. ASTM D-5293	<6600
TBN, mg KOH/g ASTM D2896	11.4
Pour Point, °C ASTM D5950	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0.849
Flash Point, COC, °C ASTM D-92	220

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

People Who Know, Use Valvoline™

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.valvolineurope.com

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Replaces – 025/05

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