

# PRODUCT INFORMATION



*Lubricants - Engine Oil - Passenger Car Motor Oils*

Version: 025/07a

## VR1™ Racing Motor Oil SAE 5W-50

Premium quality full synthetic motor oil. Formulated for ultimate performance in turbo and non-turbo charged petrol engines under extreme operating conditions such as road racing and rallying.

### Performance levels

ACEA A3/B4
API: SL
Ford WSS-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 & Benefits

#### Race proven performance

VR1 Racing is formulated for ultimate performance under extreme operating conditions. Contains special additives that ensure optimal power output and maximum wear resistance for both turbocharged and non turbo charged petrol engines.

#### Extreme wear protection

Strong oil film in combination with specialized additives provide high resistance against extreme pressure and high operating temperatures.

#### Performance at high rpm ranges

Enhanced anti-foaming formulation ensures superior protection at high engine rpm.

#### Break down resistance

High thermal and oxidation stability resists oil breakdown.

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## 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; 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.valvolineeurope.com](http://www.valvolineeurope.com)

## 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 <sup>2</sup> /s @ 100 °C. ASTM D-445	18,0
Viscosity, mm <sup>2</sup> /s @ 40 °C. ASTM D-445	109
Viscosity Index ASTM D-2270	183
Viscosity, mPa.s -30°C. ASTM D-5293	<6600
TBN, mg KOH/g ASTM D-2896	11,4
Pour Point, °C ASTM D-5949	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0,854
Flash Point, COC, °C. ASTM D-92	220

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

## Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://msds.valvoline.com>

## Protect the environment

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

## 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.

Replaces – 025/06a

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