

PRODUCT INFORMATION



VALVOLINE™ VR1™ RACING MONOGRADE ENGINE OIL

Valvoline VR1 Racing Monograde Engine Oil is a family of race-proven lubricants 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. **VR1 Racing Monograde** is recommended for engines burning gasoline and full or partial alcohol fuels in track and street service. For use in classic and modern muscle cars, race cars and high-performance passenger cars.

Valvoline VR1 Racing Monograde Engine Oil is not recommended for use in vehicles with catalytic converters or in wet clutches (use Valvoline 4-Stroke Motorcycle Oil).

Valvoline VR1 Racing Monograde Engine Oil Advantages:

- High Performance Racing Oil
- High Zinc and Phosphorus for extreme anti-wear protection, including flat-tappet and performance cam applications
- Friction modifiers help deliver maximum horsepower
- Enhanced anti-foaming, even under high stress
- Compatible with gasoline and alcohol fuels

Typical Properties:	SAE 30	SAE 40	SAE 50	SAE 60
KV100 (cSt)	11.7	14.6	20.2	23.8
KV40 (cSt)	96	136	224	291
Viscosity Index	111	107	104	102
Density (g/cm ³)	.883	.887	.892	.896
Pour Point (°C)	≤ -30	≤ -27	≤ -18	≤ -18
TBN (meq KOH/g)	8.3	8.5	8.7	8.8
Zinc (ppm)	1400	1400	1400	1400
Phosphorous (ppm)	1300	1300	1300	1300
Sulfated Ash (mass %)	<1.1%	<1.1%	<1.1%	<1.1%
Noack (% loss)	<15.0	<15.0	<15.0	<15.0

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

Effective Date:
8/24/23

Author:
LK