PRODUCT INFORMATION

VALVOLINE™ VR1™ RACING SAE 20W-50 ENGINE OIL

Valvoline VR1 Racing SAE 20W-50 Engine Oil is part of 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 SAE 20W-50** 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 SAE 20W-50 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 SAE 20W-50 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 20W-50**
KV100 (cSt)	20
KV40 (cSt)	183
Viscosity Index	127
Density (g/cm^3)	0.886
CCS (cP @ °C)	<8900@-15°C
Pour Point (°C)	≤ -24
TBN (meq KOH/g)	8.3
Zinc (ppm)	1400
Phosphorous (ppm)	1300
Sulfated Ash (mass %)	<1.1%
Noack (% loss)	<15.0

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

Effective Date:
11/17/25

Author:
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