

VALVOLINE™ PRO-V RACING™ MOTOR OIL

The Valvoline™ Pro-V Racing™ Motor Oils are specifically designed motor oils for racing application only, developed from Valvoline’s professional racing partnerships. The Valvoline Pro-V Racing Motor Oils are uniquely formulated with premium synthetic base stocks and advanced additive technology to provide excellent performance. Exclusive chemistry reduces internal friction and enhances horsepower and torque output under extreme service conditions, while still protecting engine components from wear. These products are formulated to provide high load carrying characteristics, minimum foaming and maximum resistance to thermal degradation. Valvoline Pro-V Racing Motor Oils are recommended for engines burning gasoline and full or partial alcohol fuels in track service.

Valvoline™ Pro-V Racing™ 0W-20 is recommended for NASCAR V-8 restrictor engines and for qualifying in V-8 non-restrictor engines, NHRA Pro Stock V-8s, grass roots racers (use OEM recommended viscosity) and engines with clearances under 0.0020”.

Valvoline™ Pro-V Racing™ 0W-30 is recommended for V8 engines, Sprint and Midget engines, grass roots racers (use OEM recommended viscosity) and engines with clearances between 0.002" and 0.0025”.

Valvoline™ Pro-V Racing™ 10W-40 has a strong winning pedigree on the track at the professional level maintaining shear stable under extreme conditions, reducing internal friction, and giving a high level of thermal resistance.

Valvoline™ Pro-V Racing™ 20W-50 is recommended for applications for Late Model, ARCA, Sprint, and other engines with clearances over 0.0025”.

Valvoline™ Pro-V Racing™ EXP-140 is specially formulated with synthetic base stocks, unique friction modifiers, and light viscosity to yield maximum horsepower for qualifying. It is recommended for NHRA Pro Stock (V-8 and motorcycle engines), NASCAR V-8 restricted engines and 4-Cycle Kart and Junior dragsters. Viscosity is typical of SAE 0W.

Advantages

- **Breakdown resistance** Premium synthetic base stocks for thermal and oxidation stability from heat stress at high rpm
- **Wear Protection** Unique additives to protect the valve train under extreme conditions
- **Boosted Horsepower** Advanced chemical friction reduction technology, providing increased horsepower and torque
- **Cold Start Properties** Flows easily at low temperatures
- **Volatility** Lowers oil vaporization and consumption at extreme conditions

Typical Properties:

	SAE 0W-20	SAE 0W-30	SAE 10W-40	SAE 20W-50	EXP 140
KV100 (cSt)	8.0	9.3	14.5	17.2	3.5
KV40 (cSt)	41.0	49.0	84.3	124.4	12.1
Viscosity Index	170	175	180	158	184
Density (lbs/gal)	7.0	7.1	7.15	7.2	7.0
CCS (cP @ °C)	5500 (@-35°C)	6100(@-35°C)	6025(@-30°C)	5000(@-15°C)	2000 (@-35°C)
Pour Point (°C)	-42	-36	-48	-30	-69
TBN (meq KOH/g)	>3	>4.5	>2.5	>3	>2.5
Zinc (ppm)	1400	1800	1800	1400	1700
Phosphorous (ppm)	1300	1700	1600	1300	1600

Note: The Valvoline™ Pro-V Racing™ Motor Oils are recommended for racetrack applications only

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Valvoline™ Pro-V Racing™ Break-In Oil is designed to break- in all engines and can be used in non-fired as well as fired engines. It contains high levels of zinc for flat tappet engines. The quality base stock and balanced additive package will provide proper ring seal and proper surface finish for cams and lifters during break-in.

Valvoline™ Pro-V Racing™ Nitro 70 is specifically formulated for NHRA Top Fuel and Funny Car nitromethane and alcohol drag racing. Exclusive chemistry reduces internal friction and enhances power output while providing extreme pressure protection under severe service conditions. It is formulated to provide high load carrying characteristics, minimum foaming and maximum resistance to thermal degradation.

The Valvoline™ Pro-V Racing™ Break-In Oil Advantages

- **Surface Finish** Break in metal surface for proper seating
- **Durability** Increased additives for wear protection
- **Endurance** Extended protection for metal surfaces in cam and lifters

The Valvoline™ Pro-V Racing™ Nitro-70 Oil Advantages

- **Breakdown resistance** Premium base stocks for thermal and oxidation stability from heat stress at high rpm
- **Boosted Horsepower** Advanced chemical friction reduction technology, providing increased horsepower and torque
- **Wear Protection** Unique additives to protect valve train under extreme conditions

Typical Properties:

	Break In	Nitro 70
KV100 (cSt)	11.0	31.0
KV40 (cSt)	70	386.0
Viscosity Index	148	113
Density (lbs/gal)	7.3	7.5
CCS (cP @ °C)	6000(@-25°C)	-----
Pour Point (°C)	-33	-9
TBN (meq KOH/g)	>5	>0.9
Zinc (ppm)	2100	1500
Phosphorous (ppm)	1900	1900

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