

VALVOLINE™ VR1 4T RACING OIL

Valvoline VR1 Racing oil 4T SAE 10W-40 & 10W-50 are premium quality Ultra Fully Synthetic motor oil for four-stroke motorcycle engines. Formulated with Premium Base Stock with Poly Alpha Olefin (PAO) and 4-Tech Ultimate Chemistry Additive with Tri-Synthetic Technology for superior performance under all operating conditions. Designed to fulfill the latest standards of leading engine manufacturers.

Valvoline VR1 Racing oil 4T SAE 10W-40 & 10W-50 are four-stroke motorcycle engines where SAE 10W-40 & 10W-50 motor oils are recommended. Wet clutch compatible and recommended for Japanese, European, American and other motorcycles where API SN or JASO MA2 fluids are specified. Suitable for high-powered motorcycles. Optimized for lubrication systems where engine, gearbox and clutch are integrated (wet sump). Can be used for motorcycles running in extreme cold or hot weather conditions.

VR1 RACING OIL 4T ADVANTAGES

- **Ultimate protection & performance:** VR1 Racing Oil 4T is formulated with highest quality Synthetic base oils with PAO and latest additives to ensure ultimate protection and performance under all operating conditions. Designed to fulfill the latest standards of leading motorcycle engine manufacturers.
- **Wear protection:** Provides ultimate protection against wear under all operating conditions. Designed to protect high performance engines.
- **Engine cleanliness:** Keeps engine extremely clean by minimizing deposits.
- **Wet clutch compatible:** Optimal frictional characteristics for maximum power transfer, smooth shifting and proper protection of the wet clutch. (JASO MA2 approved).
- **Easy starts:** Recommended for quick starting, even under very cold conditions or after long periods of engine inactivity.

PERFORMANCE LEVEL
API SN
JASO MA, MA2

Typical properties:

Typical Properties characteristics are based on current production. Whilst future will confirm to Valvoline specification, variations in these characteristics may occur.

Typical Characteristics		
SAE Viscosity Grade	10W-40	10W-50
Kinematic Viscosity, cSt @ 100^{o}C	14.50	19.70
Kinematic Viscosity, cSt @ 40^{o}C	94.20	127.20
Viscosity Index	167	168
TBN, mg KOH/g	7.6	7.3
Pour Point, ^{o}C	-44	-39
CCS @ -25 ^{o}C, cP	4035	4947
Specific Gravity @ 15.6 ^{o}C	0.855	0.853
Flash Point, COC, ^{o}C	236	244

This product is not likely to present any significant health or safety hazards when properly used in recommended application and good standards of personal hygiene are maintained. Reference is made to Safety Data Sheet (SDS) which is available on request via your local technical or sales representative.

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

Product Code:
10W-40: 250021
10W-50: 250023

Effective Date	Author
Oct 2020	AUS

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