

# Product Information



A PRODUCT OF VALVOLINE A DIVISION OF ASHLAND INC.

## VALVOLINE 4-STROKE SYNTHETIC MOTORCYCLE OILS

**Valvoline 4-Stroke Synthetic Motorcycle Oils** are designed specifically for motorcycles. Motorcycles place special demands on engine oil that automotive oils are not designed to handle. The wet clutch system, high RPMs and temperatures, and metals found in motorcycles require special properties for proper performance and protection. Valvoline Synthetic Motorcycle Oils use the highest quality synthetic base oils and advanced additives to bring out the best in your machine.

### Valvoline 4-Stroke Synthetic Motorcycle Oil advantages:

- Provides high temperature protection
- Outstanding wet clutch protection for maximum power transfer and smooth shifting
- Maximizes power and acceleration
- Excellent wear and corrosion protection
- Added protection against harmful deposits
- Excellent Shear Stability
- Excellent Film Strength
- For use in 4-Stroke Motorcycles, including Cruisers and Off-Road Motorcycles

Approvals/Performance Levels	Viscosity Grade/Other
Meets or Exceeds API SF/SG/SJ	SAE 10W-40, SAE 20W-50
Meets or Exceeds JASO MA2	SAE 10W-40, SAE 20W-50

Test	SAE 10W-40	SAE 20W-50
Vis @ 100°C (cSt)	14.1	20.5
Vis @ 40°C (cSt)	95.4	162
Viscosity Index	152	147
Spec Gravity @ 60°F	0.858	0.8606
Density (lbs/gal)	7.16	7.34
Total Base No.	8	8
Flash COC (°C)	225	230
Pour Point (°C) max	-39	-36
CCS cP (°C)	6200(-25°C)	5200(-15°C)
MRV TP-1 cP (°C)	38000(-30°C)	28000(-20°C)
Noack % off @ 250°C	<15.0	<15.0
Sulfated Ash, wt. %	0.80	0.80
Zinc/Phosphorus, wt. %	0.112/0.100	0.112/0.100
Calcium/Sodium, wt. %	0.188/0.052	0.188/0.052

### Part Numbers

Quart	507679(for SAE 10W40)
Quart	743525(for SAE 20W50)

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

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