

# Product Information



A PRODUCT OF THE VALVOLINE COMPANY • A DIVISION OF ASHLAND INC.

## VALVOLINE 4-STROKE MOTORCYCLE OILS

Valvoline 4-Stroke 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 motorcycle lubricants use premium base oils and advanced additives to bring out the best in your machine.

### Valvoline 4-Stroke Motorcycle Oil advantages:

- High RPM, High Temperature Performance
- Excellent Wet Clutch Performance
- Provides Maximum Horsepower
- Reduces Wear
- Advanced Cleaning Action
- High Shear Stability
- Strong Film Strength
- Excellent Corrosion Protection
- Meets or exceeds manufacturer's warranty requirements
- Provides exceptional protection for ATVs
- 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 MA	SAE 10W-40, SAE 20W-50

Test	SAE 10W-40	SAE 20W-50
Vis @ 100°C (cSt)	15.2	18.6
Vis @ 40°C (cSt)	104.1	169.4
Viscosity Index	155	124
Spec Gravity @ 60°F	0.8794	0.8886
Density (lbs/gal)	7.32	7.40
Total Base No.	8	8
Flash COC (°C)	216	230
Pour Point (°C) max	-33	-24
CCS cP (°C)	6200(-25°C)	7800(-15°C)
MRV TP-1 cP (°C)	38000(-30C)	28000(-20)
Noack % off @ 250°C	<15.0	7.3
Sulfated Ash, wt. %	0.70	0.70
Zinc/Phosphorus, wt. %	0.120/0.109	0.120/0.109
Calcium, wt. %	0.230	0.230

### Part Numbers

Quart	740(for SAE 10W40)
Quart	743(for SAE 20W50)

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

Effective Date:	Replaces:	Author's Initials:	Pages	Code
9-2-04	7-8-03	DJD		

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