

PRODUCT INFORMATION



VALVOLINE™ 4-STROKE SYNTHETIC MOTORCYCLE OIL

Valvoline 4-Stroke Synthetic Motorcycle Oil is 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. 4-Stroke Synthetic uses the highest quality synthetic base oils and advanced additives to bring out the best in your machine.

Valvoline 4-Stroke Synthetic Motorcycle Oil advantages:

- Helps provide high temperature protection
- Outstanding wet clutch protection for maximum power transfer and smooth shifting
- Helps maximize 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 and Licenses:

| | SAE 10W-40 | SAE 20W-50 |
|-------------------------------|------------|------------|
| Meets or Exceeds API SF/SG/SJ | X | X |
| Meets or Exceeds JASO MA2 | X | X |

Typical Properties:

| | SAE 10W-40 | SAE 20W-50 |
|-----------------------|-------------|-------------|
| KV100 (cSt) | 14.1 | 20.5 |
| KV40 (cSt) | 95.4 | 162 |
| Viscosity Index | 152 | 147 |
| Density (lbs/gal) | 7.16 | 7.34 |
| CCS (cP @ °C) | <6200@-25°C | <5200@-15°C |
| Pour Point (°C) | ≤ -39 °C | ≤ -36 °C |
| TBN (meq KOH/g) | 8 | 8 |
| Zinc (ppm) | 1120 | 1120 |
| Phosphorous (ppm) | 1000 | 1000 |
| Sulfated Ash (mass %) | 0.80 | 0.80 |
| Noack (% loss) | 6.0 | 4.0 |

Effective Date:
6/30/21

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