



Motorcycle 4-Cycle Motor Oil

Kendall® Motorcycle 4-Cycle Motor Oil is a high-quality engine oil designed for use in 4-stroke cycle motorcycles and all-terrain vehicles (ATVs). It also may be used as transmission oil in motorcycles and ATVs where the manufacturer specifies the use of motor oil in the transmission.

Motorcycle 4-Cycle Motor Oil is formulated to provide excellent wear protection, to minimize the formation of sludge and varnish, and to resist viscosity and thermal breakdown at high temperatures. It also protects against rust and bearing corrosion and is resistant to excessive foam buildup and air entrainment.

Motorcycle 4-Cycle Motor Oil meets the friction test requirements of the JASO MA performance classification for use in motorcycle engines with integral clutch and transmission.

Applications

- 4-stroke cycle motorcycles and ATVs

Motorcycle 4-Cycle Motor Oil meets or exceeds the requirements of:

- API Service SM, SL
- JASO MA

Features/Benefits

- Resists viscosity and thermal breakdown at high temperatures
- Protects against sludge and varnish formation
- Protects against scuffing and wear
- Protects against rust and bearing corrosion
- Good resistance to foaming and air entrainment
- Proper frictional properties to avoid clutch slippage

**Engine Oil For
4-Stroke Cycle
Motorcycles And
ATVs**

**Customer Service
Number:
1-800-368-7128**

**Technical Hot Line:
1-800-368-1267**

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Motorcycle 4-Cycle Motor Oil**Typical Properties**

SAE Grade	20W-50
Specific Gravity @ 60°F	0.879
Density, lbs/gal @ 60°F	7.33
Color, ASTM D1500	3.5
Flash Point (COC), °C (°F)	230 (446)
Pour Point, °C (°F)	<-36 (<-33)
Viscosity, Kinematic	
cSt @ 40°C	172
cSt @ 100°C	18.6
Viscosity Index	121
Cold Cranking Viscosity, cP @ -15°C	5,900
High-Temp/High-Shear Viscosity, cP @ 150°C	4.7
Sulfated Ash, ASTM D874, wt %	0.94
Total Base Number (TBN), ASTM D2896	7.8
Phosphorus, wt %	0.077
Zinc, wt %	0.085

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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