



PROTECTION | **PERFORMANCE**
you demand. | *you deserve.™*

DATA SHEET

AMSOIL 100% Synthetic 4T Performance Motorcycle Oil

Motorcycle engines are often shrouded and operated at high rpm, making them prone to increased engine heat, especially in hot weather and stop-and-go traffic. Elevated heat breaks down mineral oils, reducing their ability to protect against wear. To ensure maximum performance, motorcycle oils must be designed to resist extreme heat, guard against wear and provide smooth, confident shifts. AMSOIL 100% Synthetic 4T Performance Motorcycle Oil is engineered to deliver superior protection and performance under the high temperatures common to air-cooled and liquid-cooled motorcycle engines operating in severe conditions.

Reduces Friction, Heat and Wear

The high-quality synthetic base oils in AMSOIL 4T Performance Motorcycle Oil reduce friction better than mineral oils. It is also thermally stable and contains antioxidant additives that help maintain proper lubrication, even in extreme heat. Its outstanding high-temperature film strength and anti-wear properties help minimize engine and transmission wear and keep engines running cool, regardless of operating conditions.

Promotes Smooth, Confident Shifts

AMSOIL 4T Performance Motorcycle Oil controls heat to help prevent clutch plate glazing and slippage, promoting positive engagement for smooth, confident shifts and extended clutch life.

Improves Engine Cleanliness

High-revving, hot-running motorcycle engines can accumulate performance-robbing engine deposits. AMSOIL 4T Performance Motorcycle Oil contains advanced detergency additives that help neutralize harmful acids and reduce deposits for cleaner engine components and maximum performance.

Inhibits Corrosion

Environmental exposure can accelerate corrosive wear leading to compression loss and blow-by. AMSOIL 100% Synthetic 4T Performance Motorcycle Oil contains special anti-corrosion agents to inhibit corrosion and maintain maximum engine performance.

Reduces Oil Consumption

Volatility is a lubricant's tendency to evaporate, leading to increased oil consumption and requiring additional oil between regular service intervals. Volatility also leads to increased oil viscosity, which negatively affects engine efficiency. AMSOIL 4T Performance Motorcycle Oil features low volatility and maintains its viscosity to reduce oil consumption and maximize performance.



- **Cools** hot engines.
- **Protects** against wear.
- **Delivers** smooth shifts.
- **Promotes** quiet operation.
- **Cleans** engine components.
- **Improves** clutch performance.

Typical Technical Properties

100% Synthetic 4T Performance Motorcycle Oil

Stock Code		MC3	MC4	MC5	MC7	MC8
ISO Viscosity Grade		10W-30	10W-40	20W-50	15W-50	10W-50
Kinematic Viscosity @ 100°C, cSt	ASTM D445	12	14.2	19.9	20.5	20.3
Kinematic Viscosity @ 40°C, cSt	ASTM D445	75.3	92.6	157.7	144.6	136.7
Viscosity Index	ASTM D2270	155	158	145	165	172
Pour Point °C (°F)	ASTM D97	-41 (-42)	-36 (-33)	-36 (-33)	-31 (-24)	-34 (-29)
Flash Point °C (°F) (COC)	ASTM D92	236 (457)	240 (464)	240 (464)	240 (464)	230 (44)
Fire Point °C (°F) (COC)	ASTM D92	258 (496)	258 (496)	260 (500)	258 (496)	242 (468)
NOACK Volatility, % weight loss (g/100g)	ASTM D5800	3.7	5.6	3.9	3.8	5.4
High-Temperature/High-Shear Viscosity @ 150°C, 1.0 x 10 ⁶ s ⁻¹ , cP	ASTM D5481	3.6	4.0	5.4	5.4	5.6
Total Base Number	ASTM D2896	6.8	6.8	6.8	6.8	6.8

APPLICATIONS

Use **10W-30 100% Synthetic 4T Performance Motorcycle Oil** in motorcycles that require 10W-30 motorcycle oil and any of the following specifications.

- JASO MA/MA2 • API SN, SM, SL, SJ, SH, SG

Use **10W-40 100% Synthetic 4T Performance Motorcycle Oil** in motorcycles that require 10W-40 motorcycle oil and any of the following specifications.

- JASO MA/MA2 • API SP, SN, SM, SL, SJ, SH, SG

Use **20W-50 100% Synthetic 4T Performance Motorcycle Oil** in motorcycles that require 20W-50 motorcycle oil and any of the following specifications.

- JASO MA/MA2 • API SP, SN, SM, SL, SJ, SH, SG

Use **15W-50 100% Synthetic 4T Performance Motorcycle Oil** in motorcycles that require 15W-50 motorcycle oil and any of the following specifications.

- JASO MA/MA2 • API SP, SN, SM, SL, SJ, SH, SG

Use **10W-50 100% Synthetic 4T Performance Motorcycle Oil** in motorcycles that require 10W-50 motorcycle oil and any of the following specifications.

- JASO MA/MA2 • API SP, SN, SM, SL, SJ, SH, SG

SERVICE LIFE

Follow the motorcycle manufacturer's recommended oil change interval.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available at AMSOIL.com or by request at (715) 392-7101.

Keep Out of Reach of Children.

Please recycle used oil and bottle.



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