



The First in Synthetics®

# Synthetic 10W-30 Motorcycle Oil

API SG, SL/CF, CG-4 • JASO MA/MA2  
• ISO-L-EMA2 • SAE 80, API GL-1

High Performance Lubricant for Engines and Transmissions



## PRODUCT DESCRIPTION

AMSOIL Synthetic 10W-30 Motorcycle Oil (MCT) is a premium oil designed for those who demand the absolute best lubrication for their motorcycles. AMSOIL MCT is the result of extensive research, and it is specially formulated to excel in all areas unique to motorcycles, including high engine RPM, wet clutch lubrication, extreme pressure regions of gears and rust common to short drives and storage.

AMSOIL MCT is multi-functional and fulfills the requirements of both domestic and foreign motorcycles. It outperforms other conventional and synthetic motorcycle oils.

AMSOIL, the leader in synthetic lubrication, produced the world's first API qualified synthetic motor oil in 1972. Trust the extensive experience of AMSOIL *The First in Synthetics*® to do the best job protecting your motorcycle.

## Reduces Friction, Heat and Wear

In high heat conditions, engine protection is not sacrificed with AMSOIL Synthetic Motorcycle Oil. AMSOIL 10W-30 keeps engines running cool by effectively reducing friction and heat, and it contains a heavy treatment of anti-wear additives to reduce wear regardless of the operating conditions (see Four-Ball Wear Test graph below). AMSOIL MCT is thermally (heat) stable and contains maximum levels of oxidation inhibitor additives. It is extremely resistant to volatility (see NOACK Volatility graph on reverse) and engineered to prevent damaging sludge and carbon deposits for superior engine cleanliness.

## Provides Extreme Pressure Quality Protection for Gears

With AMSOIL MCT, there is no need for separate transmission lubricants. It is shear stable and will not thin out from mechanical activity. AMSOIL MCT performs like a gear lube without the negative effects of extreme pressure additives, such as poor wet-clutch performance.

## Delivers Superior Rust and Corrosion Protection

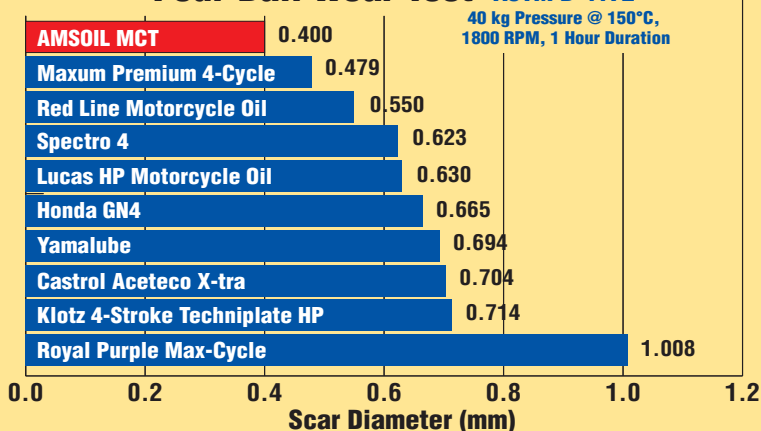
Motorcycles are prone to rust from storage, humidity and short drives. Rust can cause major damage such as uncontrolled wear, compression loss and blow-by. Good rust protection, however, comes by design and is not natural to engine oils. Unlike many motorcycle oils, AMSOIL MCT contains special anti-rust agents that deliver superior rust protection. With its high TBN (see TBN graph on reverse), AMSOIL 10W-30 provides greater protection from acid corrosion and helps maintain internal engine cleanliness.

## Provides Excellent Wet Clutch Performance

AMSOIL Synthetic 10W-30 Motorcycle Oil contains no friction modifiers and promotes smooth shifting and positive clutch engagement. It controls heat and prevents slippage and glazing, promoting longer clutch life.



### Four-Ball Wear Test ASTM D-4172



## TYPICAL TECHNICAL PROPERTIES

### AMSOIL High Performance Synthetic 10W-30 Motorcycle Oil (MCT)

Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	10.9
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	69.2
Viscosity Index (ASTM D-2270)	150
Flash Point °C (°F) (ASTM D-92)	232 (450)
Fire Point °C (°F) (ASTM D-92)	248 (478)
Pour Point °C (°F) (ASTM D-97)	-46 (-51)
Noack Volatility, % weight loss (g/100g) (ASTM D-5800)	5.89
Four-Ball Wear Test (ASTM D-4172 @ 40 kgf, 150°C, 1800 rpm, 1 hr), Scar, mm	0.40
Total Base Number	11
High-Temperature/High-Shear Viscosity (ASTM D-4683 @ 150°C, 1.0 X 10 <sup>6</sup> s <sup>-1</sup> ), cP	3.52

### APPLICATIONS

AMSOIL Synthetic 10W-30 Motorcycle Oil is recommended for liquid- or air-cooled 4-stroke motorcycles, scooters, ATVs and UTVs requiring an SAE 10W-30 fluid. It meets SAE 80, API GL-1 gear oil requirements and is recommended for transmissions on both 4- and 2-stroke motorcycles. AMSOIL MCT is recommended for Honda®, Yamaha®, Suzuki® and Kawasaki® motorcycles and scooters, as well as Arctic Cat®, Can-Am®, Honda®, Kawasaki® and Suzuki® ATVs and UTVs. Not recommended where an API GL-4 or GL-5 gear oil is required.

### MIXING AMSOIL

AMSOIL Synthetic 10W-30 Motorcycle Oil is compatible with conventional and synthetic motor oils; however, mixing oils may shorten the oil life expectancy and reduce the performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are not recommended for use with AMSOIL motorcycle oil.

### SERVICE LIFE

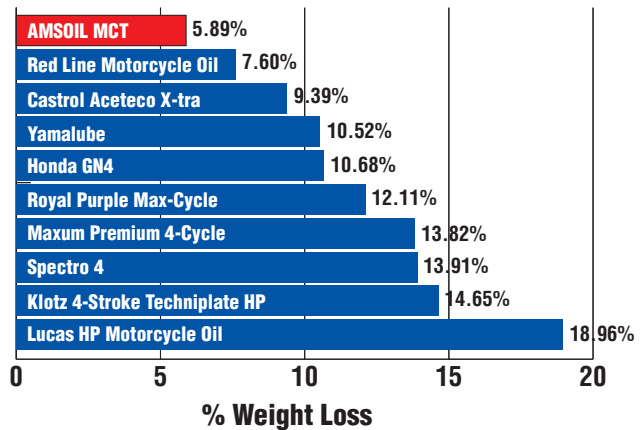
Recommended for use up to twice the motorcycle manufacturer change interval (miles/hours) or one year, whichever comes first, in engines and transmissions. When using an engine filter other than AMSOIL Ea, change the filter at standard intervals.

For "off road" use, change AMSOIL MCT at motorcycle manufacturer intervals.

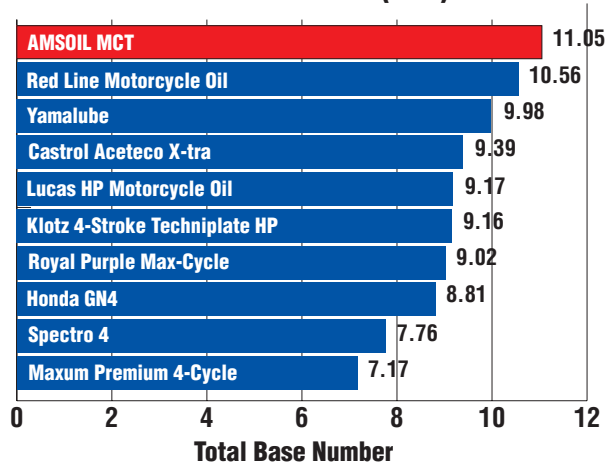
Racing or modified engines are excluded from extended drain interval recommendations. Oil changes are at the owner's discretion.

### NOACK Volatility

ASTM D-5800



### Total Base Number (TBN)



AMSOIL products and Dealership information are available from your local AMSOIL Dealer.



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