

OFFICIAL OIL



AMSOIL Synthetic Motorcycle Oil is the Official Oil of many of the largest and most influential motorcycle organizations and events in the world. Its quality is recognized universally by hardcore riders, casual enthusiasts and professionals worldwide.



Daytona Bike Week 2010

## Accessory Products



### Two-Cycle Oils

Formulated to control engine operating temperatures, increase power output and keep engines cleaner than petroleum oils. Designed to provide maximum oxidation protection, excellent anti-corrosive characteristics and improved operation in low temperatures.

### Shock Therapy Suspension Fluids

Formulated for fade-free dampening and smooth rebounds in racing and recreational applications. Control friction and heat, reduce wear, scuffing, frictional energy loss and heat buildup and prevent fade more effectively than conventional suspension fluids. Ideal for both front forks and shocks. Available in two viscosity grades.

### Metal Protector

Disperses water and protects metal surfaces from rust and corrosion. Penetrates existing rust buildup and dries wet electrical systems.

### Miracle Wash

Unique dry car wash and polish delivers outstanding performance with quick, easy and economical application. No water required.

### Fogging Oil

Long-term protection against corrosion and dry starts, extending engine life and reducing operating expenses.

### Gasoline Stabilizer

Reduce oxidation process that occurs when fuel is stored for extended periods. Help prevent the formation of varnish and sludge, which can clog injectors, stick floats and cause poor engine performance.

### Quickshot SE

Formulated to thoroughly clean varnish, gums and insoluble debris in two- and four-stroke gasoline-powered small engines and powersports equipment fuel systems, restoring peak performance. Effectively addresses performance issues related to ethanol, water and dirty pump gas. Stabilizes fuel between uses and during short-term storage.



Contact your AMSOIL Dealer for more information on AMSOIL products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ↓

Referral # \_\_\_\_\_

## Motorcycles



OFFICIAL OIL



SYNTHETIC MOTOR OILS



AMSOIL E<sub>a</sub> FILTERS



ACCESSORY PRODUCTS



AMSOIL® Synthetic Motorcycle Oils deliver maximum protection, power and performance for all makes of motorcycles.

## AMSOIL Synthetic Motorcycle Oil

AMSOIL Synthetic Motorcycle Oils outperform other conventional and synthetic motorcycle oils. Their exceptional high-temperature film strength provides maximum wear protection in the most demanding operating conditions. Engineered to prevent damaging sludge and carbon deposits, AMSOIL Synthetic Motorcycle Oils promote superior engine cleanliness, while delivering excellent wet-clutch performance and transmission protection. They resist acid formation and provide superior rust protection, which is especially important during storage.

AMSOIL Synthetic Motorcycle Oils not only provide superior protection for motorcycle engines, they also provide superior gear protection, meeting API GL-1 and SAE 80, SAE 80W-90 and SAE 90 gear lube requirements.



**AMSOIL 20W-50 Synthetic Motorcycle Oil** is recommended for Harley-Davidson, Buell, KTM, Ducati, BMW, Aprilia and Triumph motorcycle engines, transmissions and primary chaincases.

**AMSOIL 10W-40 Synthetic Motorcycle Oil** is recommended for Honda, Kawasaki, Yamaha, Suzuki, Victory, BMW and Husqvarna motorcycle engines and transmissions.

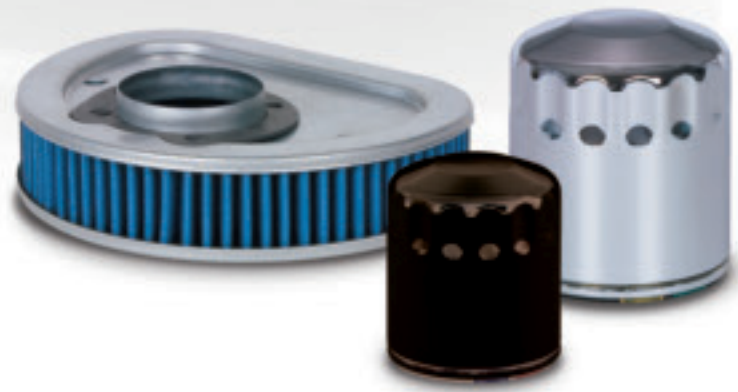
**AMSOIL 10W-30 Synthetic Motorcycle Oil** is recommended for Honda, Yamaha, Suzuki and Kawasaki motorcycle and scooter engines and transmissions.

**AMSOIL SAE 60 Synthetic Motorcycle Oil** is recommended for early-model air-cooled V-Twin engines where a 60-weight motor oil is specified. SAE 60 motor oils are commonly used in Harley-Davidson® Knucklehead, Panhead, Shovelhead and big-bore motorcycles.

Check your owner's manual for specific viscosity grade recommendations.

## AMSOIL E<sub>a</sub> Motorcycle Filters

Made from synthetic nanofiber media, AMSOIL E<sub>a</sub> Motorcycle Filters trap and hold more contaminants than other filters. They last longer, stop smaller dirt particles and offer reduced restriction for maximum engine performance and protection.



## AMSOIL Products for All Harley-Davidson Applications



AMSOIL 20W-50 Advanced Synthetic Motorcycle Oil provides superior protection and performance for recent models of Harley-Davidson bikes, but older Harley engines require a different oil. AMSOIL delivers products that perform in all Harleys, including AMSOIL SAE 60 Synthetic Motorcycle Oil and AMSOIL Severe Gear Lubricants for classic Harley models.

### Severe Gear® Synthetic EP Gear Lubes

AMSOIL Severe Gear Synthetic EP Gear Lubes are specifically engineered for high-demand applications. Their superior lube film strength combined with extra additives effectively protect gears and bearings from scoring and wear, even in temperature extremes.

### Harley-Davidson Models

| MODEL  | ENGINE                       | TRANSMISSION                                | PRIMARY CHAINCASE            |
|--|------------------------------|---|------------------------------|
| Flathead   | AMSOIL SAE 60 Motorcycle Oil | Sever Gear 75W-110 or SAE 60 Motorcycle Oil | —                            |
| Knucklehead  | AMSOIL SAE 60 Motorcycle Oil | Sever Gear 75W-110 or SAE 60 Motorcycle Oil | —                            |
| Panhead  | AMSOIL SAE 60 Motorcycle Oil | Sever Gear 75W-110 or SAE 60 Motorcycle Oil | —                            |
| Shovelhead   | AMSOIL SAE 60 Motorcycle Oil | Sever Gear 75W-110 or SAE 60 Motorcycle Oil | —                            |
| Evolution 1340, Big Twins 1450 and Revolution-V-Rods | AMSOIL 20W-50 Motorcycle Oil | AMSOIL 20W-50 Motorcycle Oil                | AMSOIL 20W-50 Motorcycle Oil |
| Ironhead & Evolution Sportster                       | AMSOIL 20W-50 Motorcycle Oil | AMSOIL 20W-50 Motorcycle Oil                | AMSOIL 20W-50 Motorcycle Oil |



## How does AMSOIL Stand Up to Other Brands?

### Excellent Corrosion Protection

AMSOIL Synthetic Motorcycle Oils are formulated with specialized additive technology that protects against corrosion and acids during both operation and storage. As seen in the photos (below), the reference coupon treated with AMSOIL 20W-50 Synthetic Motorcycle Oil showed no signs of rust and corrosion, while the competitor failed the test.



AMSOIL 20W-50 (MCV)

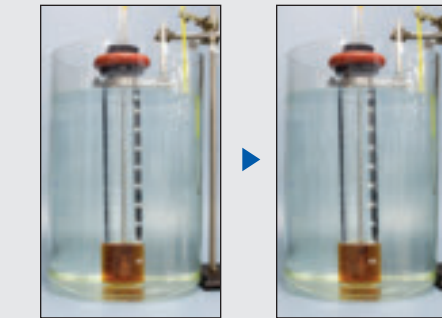


CASTROL GPS 20W-50

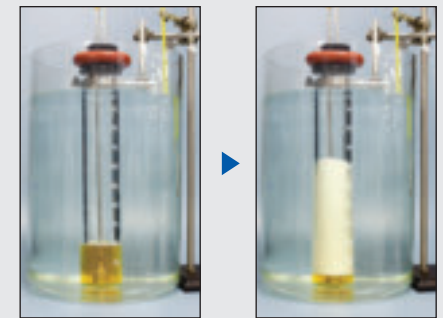
August 2008 Test Results

### Foam Tendency Test Results (ASTM D-892)

During operation, air is introduced into the oil, which may produce foam. As foam increases, so does the temperature, metal-to-metal contact and wear. As seen in the photos below, AMSOIL Motorcycle Oil resists foam. The other oil does not.



AMSOIL BEFORE & AMSOIL AFTER 5 MIN.



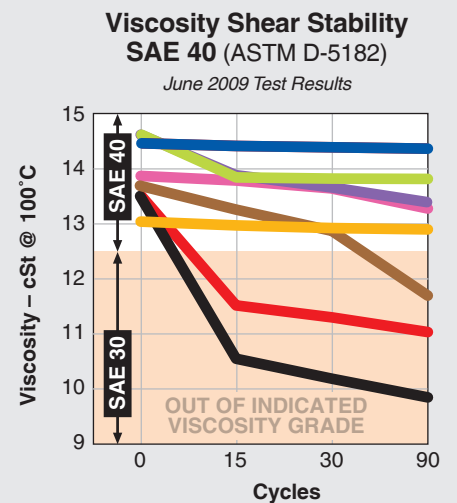
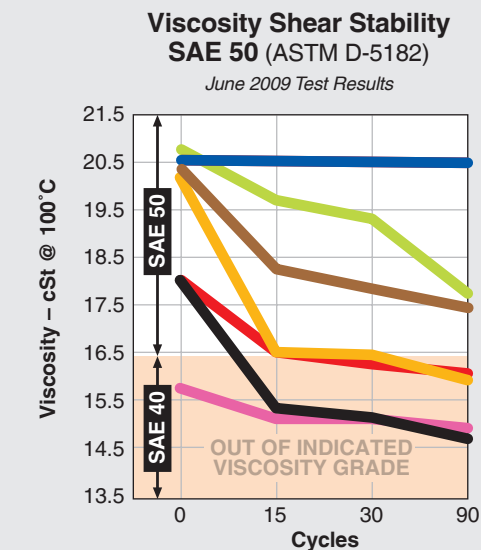
LUCAS BEFORE & LUCAS AFTER 5 MIN.

June 2009 Test Results

### Maintains Viscosity Protection

Hard-working motorcycle engines and transmissions create shearing forces that can tear a motorcycle oil apart. As the oil thins, viscosity decreases and it loses its ability to protect components from wear. AMSOIL Synthetic Motorcycle Oil resists shearing forces and maintains its viscosity protection.

The flatter the line on the charts (below), the greater the shear stability the oil provides. Many oils fall completely out of their indicated viscosity grade.



- AMSOIL 20W-50 Synthetic Motorcycle Oil
- Pennzoil Motorcycle
- Royal Purple Max Cycle
- BMW Motor Oil
- Lucas High Performance
- Maxima 4 Ultra
- Harley-Davidson Syn3
- AMSOIL 10W-40 Synthetic Motorcycle Oil
- Polaris Victory
- Spectro Platinum SX4
- Mobil Racing 4T
- Honda HP 4
- Royal Purple Max-Cycle
- Lucas High Performance
- Motul 300 V

June 2009 Test Results