



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.



Accessory Products



Shock Therapy® Suspension Fluid

Formulated for fade-free dampening and smooth rebounds in racing and recreational applications. Controls friction and heat; reduces wear, scuffing, frictional energy loss and heat buildup and prevents 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 corrosion. Penetrates existing rust buildup and dries wet electrical systems.

Miracle Wash®

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

Engine Fogging Oil

Long-term protection against corrosion and dry starts, helping extend engine life and reduce operating expenses.

Motorcycle Octane Boost

Maximizes power and performance, helps eliminate engine knock and cleans harmful deposits in all four-stroke air- or liquid-cooled motorcycles.

Gasoline Stabilizer

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

Quickshot®

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.

AMSOIL Ea® Motorcycle Filters

Made from full-synthetic media, AMSOIL Ea 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.



The First in Synthetics®

Jeff Fisher
866-292-4700
www.SyntheticOils.us

Contact your local full-service 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 # 1393814

V-Twin Motorcycles



SYNTHETIC MOTOR OILS



AMSOIL Ea FILTERS



ACCESSORY PRODUCTS



The First in Synthetics®

AMSOIL provides a full line of premium products engineered for the specific demands of V-twin motorcycles.

There is nothing quite like jumping on a big V-twin and hearing that rumble. The fresh air and freedom to go anywhere you choose brings unmatched satisfaction. Nothing kills that feeling faster than a noisy transmission or an overheated bike. AMSOIL V-twin products are engineered to address the specific demands of V-twin motorcycles. Advanced synthetic technology protects your bike and the spirit of the American biker.

AMSOIL Synthetic Motorcycle Oil

Hot-running V-twins pose significant challenges to lubricants, especially in low-speed parades, in rally traffic or on long climbs on hot days. Motor oil plays a critical role in cooling these big air-cooled engines, and even more so in low-speed operation with limited wind generated to cool the bike. If the oil can't withstand the heat, its ability to protect your bike is compromised.

AMSOIL Synthetic Motorcycle Oil is durable and long-lasting. It resists extreme heat and viscosity loss due to shear, keeping your V-twin protected in the toughest riding conditions.

- **Resists** extreme heat
- **Retains** viscosity
- **Guards** against wear
- **Excellent** for transmissions & primary chaincases

Outstanding Transmission & Primary Chaincase Protection

AMSOIL Synthetic Motorcycle Oil not only delivers superior engine protection, it provides outstanding protection and performance in motorcycle transmissions and primary chaincases. It is the primary recommendation for V-twin transmissions and primary chaincases.

- **Absolutely** shear-stable
- **Promotes** smooth shifts
- **Delivers** positive clutch engagement
- **Helps prevent** clutch slippage & glazing

Check your owner's manual or the Motorcycle Product Guide at amsoil.com for specific viscosity grade recommendations.



AMSOIL Synthetic V-Twin Transmission & Primary Fluids

Some bikers prefer using separate primary and transmission fluids rather than multi-functional oils designed to protect the primary, transmission and engine. AMSOIL Synthetic V-Twin Transmission Fluid and AMSOIL Synthetic V-Twin Primary Fluid are perfect for bikers who prefer a dedicated lubricant over a multi-use product.

AMSOIL Synthetic V-Twin Transmission Fluid's frictional properties deliver smooth shifts and help quiet transmission noise.

- **Protects** against gear & bearing wear
- **Delivers** smooth shifts
- **Helps** eliminate loud thunks and gear noise

AMSOIL Synthetic V-Twin Primary Fluid's balanced formulation delivers consistent clutch feel for confident starts, helping you avoid killing the engine. It also protects components against wear to help you get the most years out of your bike.

- **Delivers** consistent clutch feel for confident starts
- **Helps** prevent clutch slip
- **Helps** riders easily find neutral
- **Provides** smooth acceleration

AMSOIL Products for All Harley-Davidson Applications

AMSOIL 20W-50 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 Synthetic V-Twin Transmission Fluid for classic Harley models.

Harley-Davidson Models

MODEL	ENGINE	TRANSMISSION	PRIMARY CHAINCASE
Flathead	AMSOIL SAE 60 Motorcycle Oil	AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 Motorcycle Oil	—
Knucklehead	AMSOIL SAE 60 Motorcycle Oil	AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 Motorcycle Oil	—
Panhead	AMSOIL SAE 60 Motorcycle Oil	AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 Motorcycle Oil	—
Shovelhead	AMSOIL SAE 60 Motorcycle Oil	AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 Motorcycle Oil	—
Evolution 1340 & all Twin Cam	AMSOIL 20W-50 Motorcycle Oil	AMSOIL 20W-50 Motorcycle Oil*	AMSOIL 20W-50 Motorcycle Oil*
Ironhead, Evolution Sportster & V-Rod	AMSOIL 20W-50 Motorcycle Oil	AMSOIL 20W-50 Motorcycle Oil*	AMSOIL 20W-50 Motorcycle Oil*

* While AMSOIL 20W-50 Synthetic Motorcycle Oil delivers outstanding performance in motorcycle transmissions and primary chaincases, some bikers prefer dedicated lubricants over multi-use products. AMSOIL Synthetic V-Twin Transmission Fluid and AMSOIL Synthetic V-Twin Primary Fluid are secondary recommendations in these applications.



"There's a reason we chose AMSOIL as our factory-fill."
— Erik Buell

AMSOIL Synthetic Motorcycle Oil is the factory-fill motor oil for every EBR motorcycle that leaves the company's headquarters.

How Does AMSOIL Stand Up to Extreme Heat?

AMSOIL 20W-50 Synthetic Motorcycle Oil was subjected to a dynamometer test designed to simulate high-temperature conditions even more extreme than the demanding stop-and-go driving conditions of a motorcycle rally or parade route. The electronic temperature controls were disabled on a 2012 Harley-Davidson FXDB Dyna Street Bob and the bike was subjected to a strenuous low-speed test cycle, with significant idle time broken by engine revving. With low airflow and inoperative temperature controls, engine temperatures reached more than 500°F.

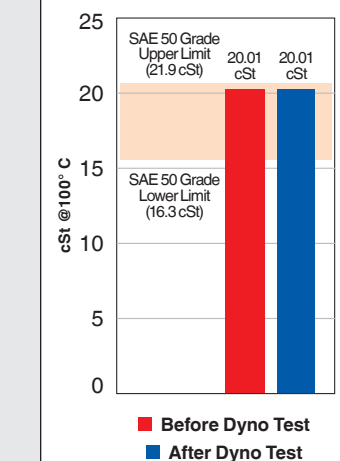
Not only did AMSOIL Synthetic Motorcycle Oil prevent the engine from overheating and seizing during the extreme dyno test, it did so without losing chemical integrity or ability to protect vulnerable engine components.

Your bike should never get this hot. If it does, AMSOIL has you covered.



Viscosity

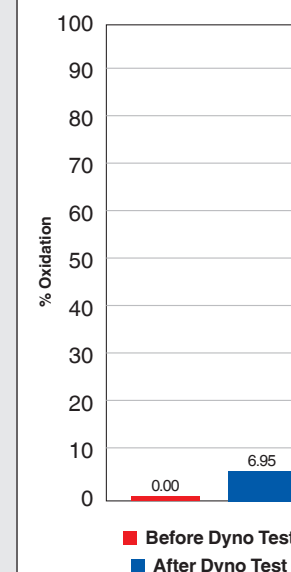
As heat breaks oil down, the viscosity typically rises until it is significantly out of grade and must be changed. AMSOIL 20W-50 Synthetic Motorcycle Oil showed no change in viscosity following the extreme-temperature test, demonstrating its outstanding resistance to thermal breakdown and its ability to provide excellent protection in the most severe conditions.



As tested by an independent lab in February 2012.

Oxidation

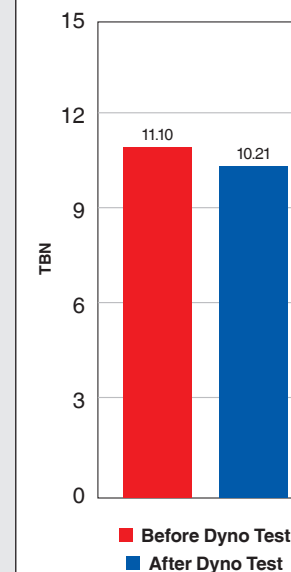
AMSOIL 20W-50 Synthetic Motorcycle Oil demonstrated outstanding oxidation resistance, allowing it to control deposits and keep motorcycle engines clean and operating at peak efficiency.



As tested by an independent lab in February 2012.

TBN

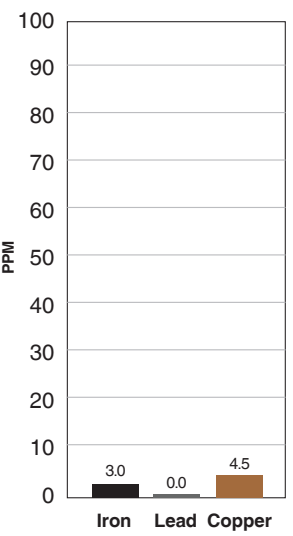
AMSOIL 20W-50 Synthetic Motorcycle Oil successfully maintained its Total Base Number (TBN), allowing it to effectively combat corrosive acids.



As tested by an independent lab in February 2012.

Wear Metals

AMSOIL 20W-50 Synthetic Motorcycle Oil demonstrated outstanding wear protection throughout the extreme-temperature test, with oil analysis results showing only trace levels of wear metals.



As tested by an independent lab in February 2012.

For more information, see the Motorcycle Dyno Handout (G3116).