

Accessory Products

AMSOIL offers a variety of accessory products, including fuel additives, suspension fluids, protectants and more. For details on all AMSOIL motorcycle products contact your local full-service AMSOIL Dealer.



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 # 779

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V-Twin Motorcycles



SYNTHETIC MOTOR OIL

MOTORCYCLE OIL FILTERS

ACCESSORY PRODUCTS



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 bring 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.



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

*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products advertised here are developed by AMSOIL for use in the applications shown.

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 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 V-Twin 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 V-Twin 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



AMSOIL V-Twin Oil Change Kits combine everything needed to perform an AMSOIL oil change on most 1999-present Harley-Davidson* motorcycles in one convenient package. Use the Motorcycle Product Guide at amsoil.com to find the right kit for your bike.

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 V-Twin 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 V-Twin 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 V-Twin Motorcycle Oil | AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 V-Twin Motorcycle Oil | — |
| Knucklehead* | AMSOIL SAE 60 V-Twin Motorcycle Oil | AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 V-Twin Motorcycle Oil | — |
| Panhead* | AMSOIL SAE 60 V-Twin Motorcycle Oil | AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 V-Twin Motorcycle Oil | — |
| Shovelhead* | AMSOIL SAE 60 V-Twin Motorcycle Oil | AMSOIL Synthetic V-Twin Transmission Fluid or SAE 60 V-Twin Motorcycle Oil | — |
| Evolution* 1340 & all Twin Cam* | AMSOIL 20W-50 V-Twin Motorcycle Oil | AMSOIL 20W-50 V-Twin Motorcycle Oil** | AMSOIL 20W-50 V-Twin Motorcycle Oil** |
| Ironhead*, Evolution Sportster* & V-Rod* | AMSOIL 20W-50 V-Twin Motorcycle Oil | AMSOIL 20W-50 V-Twin Motorcycle Oil** | AMSOIL 20W-50 V-Twin Motorcycle Oil** |
| Milwaukee-Eight* | AMSOIL 20W-50 V-Twin Motorcycle Oil | AMSOIL 20W-50 V-Twin Motorcycle Oil** | AMSOIL 20W-50 V-Twin Motorcycle Oil** |

***While AMSOIL 20W-50 Synthetic V-Twin 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.*



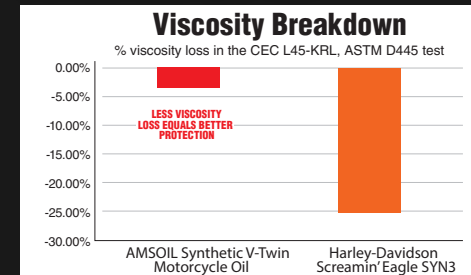
How does AMSOIL Stand Up?

Extreme heat causes some oils to lose viscosity, which can lead to poor shift quality and compensator noise.

AMSOIL Synthetic V-Twin Motorcycle Oil resists viscosity breakdown despite the extreme heat and stress of summer riding. By maintaining viscosity, it promotes **smooth, confident shifts** and helps **reduce compensator noise**. In fact, it provides **6X better** resistance to viscosity breakdown than Harley-Davidson SYN3.*

AMSOIL Resists Viscosity Breakdown

AMSOIL resists viscosity breakdown **6X better** than Harley-Davidson* SYN3* for **improved protection** against compensator and transmission gear wear.^{BB}



^{BB}Based on testing of AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil and Harley-Davidson Screamin' Eagle SYN3 purchased on 3/19/19 in the CEC L45-KRL, ASTM D445 test. *All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use.

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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.



20W-50 Synthetic V-Twin Motorcycle Oil

High-Performance Lubricant for Engines, Transmissions and Primary Chaincases

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil is a premium oil designed for those who demand the best protection for their motorcycles. It is the result of extensive research and is specially formulated to excel in all areas unique to motorcycles, including the high temperatures of air-cooled engines such as Harley-Davidson* V-twins, wet-clutch lubrication, extreme-pressure regions of gears and chains and rust common to short trips and storage. AMSOIL Synthetic V-Twin Oil is multi-functional and fulfills the requirements of both domestic and foreign motorcycles.

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 Wear and Deposits

Big, powerful V-twin engines run extremely hot, especially in summer during stop-and-go rally or parade traffic. High heat breaks down oil formulated for standard service, inviting wear and performance-robbing deposits.

AMSOIL Synthetic V-Twin Motorcycle Oil is formulated with naturally heat-resistant synthetic base oils that resist oxidation in extreme heat. It contains a heavy treatment of anti-wear additives to reduce wear regardless of operating conditions. After 1,000 miles (1,609 km) of dyno testing during which oil temperature reached 300°F (149°C) and cylinder temperature reached 421°F (216°C), AMSOIL V-Twin Oil fought piston-ring deposits to prevent sticking and protected against piston scuffing for maximum compression and power (see image).

Protects Transmissions and Primaries

AMSOIL V-Twin Oil delivers exceptional protection in transmissions and primary chaincases. It is shear stable and resists thinning from mechanical activity. AMSOIL 20W-50 V-Twin Motorcycle Oil performs like a gear lube without the negative effects of extreme-pressure additives. It resists viscosity breakdown 6X better than Harley-Davidson SYN3* for improved protection against compensator and transmission gear wear.¹

Delivers Superior Rust Protection

Motorcycles are prone to rust from storage, humidity and short drives. Rust can cause major damage such as roller-bearing failure, wear, compression loss and blow-by. Good rust protection, however, comes by design and is not natural to motor oils. Unlike many motorcycle oils, AMSOIL Synthetic V-Twin Oil contains special anti-rust agents. It passes the ASTM D1748 humidity cabinet rust test, demonstrating superior rust protection to help your engine achieve maximum performance and long life.



- **Resists** extreme heat
- **Retains** viscosity for excellent wear protection
- **Convenience** of one lubricant for all three sumps

Helps Prevent Wear



After 1,000 miles (1,609 km) of extreme-heat dyno testing, AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil protected against piston-ring sticking and piston scuffing for maximum compression and power.

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TYPICAL TECHNICAL PROPERTIES

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil (MCV)

| | |
|--|----------------|
| Kinematic Viscosity @ 100°C, cSt (ASTM D445) | 18.5 |
| Kinematic Viscosity @ 40°C, cSt (ASTM D445) | 132.8 |
| Viscosity Index (ASTM D2270) | 156 |
| Pour Point °C (°F) (ASTM D97) | -41 (-42) |
| Flash Point °C (°F) (ASTM D92) | 228 (442) |
| High-Temperature/High-Shear Viscosity (ASTM D5481 @ 150°C, 1.0 X 10 ⁶ s ⁻¹), cP | 5.6 |
| Four-Ball Wear Test (ASTM D4172 @ 40 kgf, 150°C, 1800 rpm, 1 hr), Scar, mm | 0.37 |
| FZG (ASTM D5182), Load Stage Pass (Wear in mm) | 12+ (0 mm) |
| Noack Volatility, % weight loss (g/100g) (ASTM D5800) | 4.2 |
| Foam (ASTM D892, Sequence I, II & III) | 0/0, 20/0, 0/0 |
| Rust Test - Humidity Cabinet (ASTM D1748) | No Rust, Pass |
| Total Base Number | 11.6 |

Provides Excellent Wet-Clutch Performance

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil contains no friction modifiers and promotes smooth shifting and positive clutch engagement. It controls heat and helps prevent slippage and glazing, while its high TBN helps improve clutch life by resisting the acids that can degrade clutch material.

APPLICATIONS

Use in motorcycles that require 20W-50 motorcycle oil and any of the specifications listed below, including those made by Harley-Davidson* and Buell.*

JASO MA/MA-2 • API SG/SL/CF/CG-4 • ISO-L-EMA2

Do not use where an API GL-4 or GL-5 gear oil is required.

COMPATIBILITY

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil is compatible with other synthetic and conventional motor oils. Mixing AMSOIL oils with other oils, however, will shorten the oil's life expectancy and reduce its performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are **not recommended** for use with AMSOIL Synthetic Motorcycle Oil.

SERVICE LIFE

Use for up to twice the motorcycle manufacturer change interval (miles/hours) or one year, whichever comes first, in engines, transmissions and primary chaincases. For Big Twin Harley-Davidson transmissions only, follow the Harley-Davidson recommended drain interval for synthetic oil of up to 20,000

miles (32,187 km) or one year, whichever comes first. If **not** using an AMSOIL Motorcycle Oil Filter, change the filter at standard intervals.

For off-road use, change AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil at motorcycle-manufacturer-recommended intervals.

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

WARRANTY SECURE™

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil is Warranty Secure, keeping your factory warranty intact.

AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty. For details, visit AMSOIL.com/warrantysecure.



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 via the Internet at AMSOIL.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

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SAE 60 Synthetic V-Twin Motorcycle Oil

High-Performance Lubricant for Motorcycle Engines and Transmissions

AMSOIL SAE 60 Synthetic V-Twin Motorcycle Oil is a premium oil designed for those who demand the absolute best lubrication for their motorcycles. AMSOIL Synthetic Motorcycle Oil 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. SAE 60 Synthetic V-Twin Motorcycle Oil features superior heat resistance and wear protection. It is shear-stable and helps maintain proper oil pressure in elevated temperatures. It stops viscosity breakdown (loss), protects gears and chains, and meets SAE 140, API GL-1 gear oil requirements. It is multi-functional and fulfills the requirements of both domestic and foreign motorcycles. SAE 60 Synthetic V-Twin Motorcycle Oil 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 SAE 60 Synthetic V-Twin Motorcycle Oil. It has exceptional high-temperature film strength and contains a heavy treatment of anti-wear additives to reduce wear regardless of operating conditions. Synthetic V-Twin Motorcycle Oil is thermally (heat) stable and contains maximum levels of oxidation-inhibitor additives. It is extremely resistant to breakdown and engineered to prevent damaging sludge and carbon deposits for superior engine cleanliness.

Extreme-Pressure Protection for Gears

With AMSOIL Synthetic V-Twin Motorcycle Oil, there is no need for a separate transmission lubricant. It is shear-stable and will not thin out from

mechanical activity. SAE 60 Synthetic V-Twin Motorcycle Oil performs like a gear lube without the negative effects of extreme-pressure additives.

Superior Rust Protection

Motorcycles are prone to rust from storage, humidity and short drives. Rust can cause major damage such as roller-bearing failure, 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 Synthetic V-Twin Motorcycle Oil contains special anti-rust agents.



- **Outstanding** wet-clutch performance
- **Exceptional** wear protection
- **Promotes** cooler operation

TYPICAL TECHNICAL PROPERTIES

AMSOIL SAE 60 Synthetic V-Twin Motorcycle Oil (MCS)

| | |
|--|-----------|
| Kinematic Viscosity @ 100°C, cSt (ASTM D445) | 24.9 |
| Kinematic Viscosity @ 40°C, cSt (ASTM D445) | 203.7 |
| Viscosity Index (ASTM D2270) | 153 |
| Pour Point °C (°F) (ASTM D97) | -38 (-36) |
| Flash Point °C (°F) (ASTM D92) | 226 (439) |
| High-Temperature/High-Shear Viscosity (ASTM D5481 @ 150°C, 1.0 X 10 ⁶ s ⁻¹), cP | 7.6 |
| Four-Ball Wear Test (ASTM D4172 @ 40 kgf, 150°C, 1800 rpm, 1 hr), Scar, mm | 0.37 |
| NOACK Volatility, % weight loss (g/100g) (ASTM D5800) | 3.7 |

Excellent Wet-Clutch Performance

AMSOIL SAE 60 Synthetic V-Twin Motorcycle Oil contains no friction modifiers and promotes smooth shifting and positive clutch engagement. It controls heat and helps prevent slippage and glazing, while its high TBN helps improve clutch life by resisting acids that can degrade clutch material.

APPLICATIONS

Use in big-bore motorcycles that require SAE 60 motorcycle oil and any of the specifications listed below, including early model Harley-Davidsons* equipped with Knucklehead, Panhead* or Shovelhead engines. Use where SAE 90, API GL-1 gear oil is required.

JASO MA/MA-2 • API SL, SG/CF/CG-4 • ISO-L-EMA2

COMPATIBILITY

AMSOIL SAE 60 Synthetic V-Twin Motorcycle Oil is compatible with other synthetic and conventional motor oils. Mixing AMSOIL oils with other oils, however, will shorten the oil's life expectancy and reduce its performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are **not recommended** for use with AMSOIL Synthetic Motorcycle Oil.

SERVICE LIFE

Recommended for use up to twice the motorcycle's manufacturer-recommended change interval (miles/hours) or one year, whichever comes first, in engines and transmissions. For Big Twin* Harley-Davidson transmissions only, follow the Harley-Davidson recommended drain interval for synthetic oil of up to 20,000 miles or one year, whichever comes first. When using an engine filter other than an AMSOIL Ea[®] Motorcycle Oil Filter, change the filter at standard intervals.

For off-road use, change AMSOIL Synthetic Motorcycle Oil at the motorcycle's manufacturer-recommended intervals.

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

WARRANTY SECURE™

AMSOIL SAE 60 Synthetic V-Twin Motorcycle Oil is Warranty Secure, keeping your factory warranty intact. AMSOIL SAE 60 Synthetic V-Twin Motorcycle Oil is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty. For details, visit www.amsoil.com/warrantysecure.



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 via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.



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15W-60 and 20W-40 Synthetic V-Twin Motorcycle Oil

Developed by AMSOIL for use in Victory* and Indian* motorcycles.

AMSOIL Synthetic V-Twin Motorcycle Oil is a premium oil designed for those who demand the absolute best lubrication for their motorcycles. It is the result of extensive research and is specially formulated to excel in all areas unique to motorcycles, including the high temperatures of air-cooled engines, wet-clutch lubrication, extreme-pressure regions of gears and chains, and rust protection.

AMSOIL 15W-60 and 20W-40 Synthetic V-Twin Motorcycle Oil provides Indian and Victory riders the confidence and security that comes with receiving maximum protection and performance for their bikes. It presents a premium alternative to higher-priced manufacturer-branded oils.



Reduces Friction, Heat and Wear

AMSOIL Synthetic V-Twin Motorcycle Oil is engineered to protect critical components in high-heat conditions. It exceeds the standard for high-temperature film strength to deliver excellent wear protection (see graph) and contains a heavy treatment of anti-wear additives to reduce wear regardless of operating conditions. AMSOIL Synthetic V-Twin Motorcycle Oil is thermally (heat) stable and contains maximum levels of oxidation-inhibitor additives. It is extremely resistant to breakdown and is engineered to prevent damaging sludge and carbon deposits for superior engine cleanliness.

Provides Anti-Wear Protection for Gears and Chains

AMSOIL Synthetic V-Twin Motorcycle Oil is shear stable and resists thinning from mechanical activity. It performs like a gear lube without the negative effects of extreme-pressure additives, such as poor wet-clutch performance.

Delivers Superior Rust 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 motor oils. Unlike many motorcycle oils, AMSOIL Synthetic V-Twin Motorcycle Oil contains special anti-rust agents, providing outstanding protection against rust and corrosion.

Catalytic-Converter Compatible

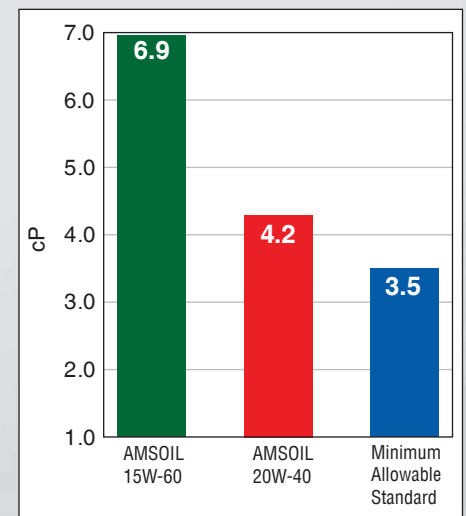
AMSOIL Synthetic V-Twin Motorcycle Oil meets the requirements for emission-system protection and is designed for use in motorcycles with catalytic converters.

Provides Excellent Wet-Clutch Performance

AMSOIL Synthetic V-Twin Motorcycle Oil delivers the confidence of quiet, smooth shifting and positive clutch engagement. It controls heat and helps prevent slippage and glazing.

MAXIMUM WEAR PROTECTION

Higher values reflect better protection.
May 2017 Test Results



The High-Temperature/High-Shear Viscosity Test (ASTM D5481) measures a lubricant's viscosity under severe high-temperature and shear conditions, similar to severe operating conditions experienced by motorcycles. Higher values indicate improved wear protection.

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TYPICAL TECHNICAL PROPERTIES

AMSOIL 15W-60 Synthetic V-Twin Motorcycle Oil (MSV)

AMSOIL 20W-40 Synthetic V-Twin Motorcycle Oil (MVI)

| | 15W-60 (MSV) | 20W-40 (MVI) |
|--|--------------|--------------|
| Kinematic Viscosity @ 100°C, cSt (ASTM D445) | 23.1 | 14.0 |
| Kinematic Viscosity @ 40°C, cSt (ASTM D445) | 164 | 105 |
| Viscosity Index (ASTM D2270) | 169 | 135 |
| Flash Point, °C (°F) (ASTM D92) | 238 (460) | 232 (450) |
| Fire Point, °C (°F) (ASTM D92) | 254 (489) | 258 (496) |
| Pour Point, °C (°F) (ASTM D97) | -38 (-36) | -41 (-42) |
| High-Temperature/High-Shear Viscosity (ASTM D5481 @ 150°C, 1.0 X 10 ⁶ s ⁻¹), cP | 6.9 | 4.2 |
| Four-Ball Wear Test (ASTM D4172 @ 40kgf, 150°C, 1800 rpm, 1 hr), Scar, mm | 0.39 | 0.41 |
| NOACK Volatility, % weight loss (g/100g) (ASTM D5800) | 5.2 | 2.7 |
| Foam (ASTM D892, Sequence I, II & III) | 0/30/0 | 0/10/0 |
| Total Base Number | 11.6 | 11.6 |

APPLICATIONS

Use **AMSOIL 20W-40 Synthetic V-Twin Motorcycle Oil** in motorcycles that require 20W-40 motorcycle oil and any of the specifications listed below, including those made by Victory* and Indian*. Use **AMSOIL 15W-60 Synthetic V-Twin Motorcycle Oil** in motorcycles that require 15W-60 motorcycle oil and any of the specifications listed below, including those made by Victory and Indian.

- JASO MA
- API SM
- ILSAC GF-4

COMPATIBILITY

AMSOIL Synthetic V-Twin Motorcycle Oil is compatible with other synthetic and conventional motor oils. Adding other oils, however, will shorten the life expectancy of AMSOIL motor oils and reduce their performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are not recommended for use with AMSOIL Synthetic V-Twin Motorcycle Oil.

SERVICE LIFE

For on-road use in engines and transmissions: When paired with an AMSOIL Ea[®] Motorcycle Oil Filter, AMSOIL 15W-60 and 20W-40 Synthetic V-Twin Motorcycle Oil are capable of providing premium protection for up to 2X the motorcycle manufacturer-recommended change interval or one year, whichever comes first. Change other brand oil filters at standard intervals.

For off-road use in engines and transmissions: Change AMSOIL 15W-60 and 20W-40 Synthetic V-Twin Motorcycle Oil at the standard motorcycle manufacturer-recommended change interval.

For racing or in engines modified from the original factory design: No change interval recommendation is made; oil changes are at the owner's discretion.

WARRANTY SECURE[®]

AMSOIL Synthetic V-Twin Motorcycle Oil is Warranty Secure, keeping your factory warranty intact. AMSOIL Synthetic V-Twin Motorcycle Oil is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty. For details, visit www.amsoil.com/warrantysecure.



HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

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Synthetic V-Twin Transmission Fluid

AMSOIL Synthetic V-Twin Transmission Fluid is specifically designed for bikers who prefer a dedicated transmission fluid over a multi-use lubricant. Its frictional properties deliver smooth shifts and it helps quiet transmission noise, letting riders focus on enjoying the ride. AMSOIL Synthetic V-Twin Transmission Fluid is Warranty Secure™ and will not void your motorcycle's warranty. It is a cost-effective, high-performance alternative to original equipment manufacturer (OEM) fluids.

Promotes Quiet Operation

AMSOIL Synthetic V-Twin Transmission Fluid forms a durable oil film on bearings and gears, helping to dampen loud thunks when shifting and reduce gear noise.

Protects Against Gear and Bearing Wear

Extreme pressures between gear teeth can shear inferior transmission fluids, reducing viscosity and compromising wear protection. AMSOIL Synthetic V-Twin Transmission Fluid resists viscosity loss due to shear and withstands extreme heat for excellent wear protection. Its robust molecules provide film strength to protect against damage from shock loading, while its extreme-pressure additives deliver additional protection against wear.

Delivers Smooth Shifts

AMSOIL Synthetic V-Twin Transmission Fluid's finely tuned viscometrics and frictional properties provide smooth shifts, helping riders avoid missed shifts for crisp acceleration through each gear. It provides riders confidence that their transmission is going to respond as intended for an improved ride.



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

TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic V-Twin Transmission Fluid (MVT)

| | |
|--|-----------|
| Kinematic Viscosity @ 100°C, cSt (ASTM D445) | 20.7 |
| Kinematic Viscosity @ 40°C, cSt (ASTM D445) | 190.3 |
| Viscosity Index (ASTM D2270) | 127 |
| Pour Point, °C (°F) (ASTM D97) | -40 (-40) |
| Flash Point, °C (°F) (ASTM D92) | 228 (442) |
| Fire Point, °C (°F) (ASTM D92) | 242 (468) |
| Four-Ball Wear Test (ASTM D4172 @ 40 kgf, 150°C, 1800 rpm, 1 hr), Scar, mm | 0.55 |
| NOACK Volatility, % weight loss (g/100g) (ASTM D5800) | 8.43 |
| Foam (ASTM D892, Sequence I, II & III) | 0/0/0 |

APPLICATIONS

Engineered for use in Harley-Davidson®, Triumph® and pre-2013 INDIAN® bikes.

RECOMMENDATIONS

AMSOIL Synthetic V-Twin Transmission Fluid is recommended for up to 20,000 miles or one year, whichever comes first.

WARRANTY SECURE™

AMSOIL Synthetic V-Twin Transmission Fluid is Warranty Secure, keeping your factory warranty intact. AMSOIL Synthetic V-Twin Transmission Fluid is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty (G1363). For details, visit www.amsoil.com/warrantysecure.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Don't pollute. Return used oil to collection centers.



All trademarked names are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use.



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

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The First in Synthetics®

V-Twin Synthetic Primary Fluid

AMSOIL V-Twin Synthetic Primary Fluid is purpose-built for bikers who prefer a dedicated primary chaincase lubricant. Its balanced formulation delivers consistent clutch feel for confident takeoffs, helping riders avoid killing the engine. It also protects components against wear to help riders get the most out of their bikes. V-Twin Synthetic Primary Fluid is Warranty Secure™ and will not void your motorcycle's warranty. It is a cost-effective, high-performance alternative to original equipment manufacturer (OEM) fluids.

Delivers Consistent Clutch Feel & Smooth Acceleration

V-Twin Synthetic Primary Fluid is formulated with a balanced additive system that provides consistent clutch performance and feel. It helps riders easily find neutral and promotes smooth acceleration, whether in stop-and-go city conditions or when on the highway. Its superior load-holding capacity helps prevent clutch slip for confident takeoffs.

Protects Against Chain, Gear & Bearing Wear

V-Twin Synthetic Primary Fluid contains a heavy dose of anti-wear additives to protect the gears, chain and compensator bearing from premature wear. Its superior film strength helps protect against shock-loading, promoting reduced wear and longer component life.

Helps Reduce Operating Temperatures

In extreme heat, V-Twin Synthetic Primary Fluid's thermally stable synthetic formulation naturally resists the harmful effects of thermal breakdown. It helps components stay cool and achieve optimum performance and life.

Maximizes Energy Efficiency

V-Twin Synthetic Primary Fluid's balanced formulation reduces energy lost to drag in cold-temperature riding conditions. It promotes smooth shifts at startup and maximizes energy efficiency.



- **Delivers** consistent clutch feel for confident takeoffs
- **Helps** prevent clutch slip
- **Provides** smooth acceleration
- **Helps** riders easily find neutral
- **Protects** compensator bearing, chain and gears against wear



TYPICAL TECHNICAL PROPERTIES

AMSOIL V-Twin Synthetic Primary Fluid (MVP)

| | |
|---|--------------|
| Kinematic Viscosity @ 100°C, cSt (ASTM D445) | 18.7 |
| Kinematic Viscosity @ 40°C, cSt (ASTM D445) | 147.1 |
| Viscosity Index (ASTM D2270) | 144 |
| Pour Point, °C (°F) (ASTM D97) | -37 (-35) |
| Flash Point, °C (°F) (ASTM D92) | 244 (471) |
| Fire Point, °C (°F) (ASTM D92) | 256 (493) |
| Four Ball Wear Test (ASTM D4172 @ 40 kgf, 150°C, 1800 rpm, 1hr), Scar, mm | 0.39 |
| JASO T 904 Friction Test | MA/MA2, Pass |

APPLICATIONS

Harley Davidson®, Triumph® and pre-2013 INDIAN® bikes.

RECOMMENDATIONS

V-Twin Synthetic Primary Fluid is recommended for up to 10,000 miles or one year, whichever comes first.

WARRANTY SECURE™

AMSOIL V-Twin Synthetic Primary Fluid is Warranty Secure, keeping your factory warranty intact. AMSOIL V-Twin Synthetic Transmission Fluid is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty (G1363). For details, visit www.amsoil.com/warrantysecure.



HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Don't pollute. Return used oil to collection centers.



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Shock Therapy® Suspension Fluid

Formulated for Fade-Free Dampening and Smooth Rebounds in High-Performance Applications

A properly functioning suspension is vital to performance during a race or maneuvering around obstacles on the trail. For greatest effectiveness, riders need consistent suspension feel over a broad temperature range. Aggressive riding, however, can heat suspension fluid enough to cause viscosity loss, resulting in soft, inconsistent feel. AMSOIL Shock Therapy Suspension Fluid resists viscosity loss over a broad temperature range for consistent, effective suspension feel. It reduces foaming, aeration and wear, while conditioning seals for maximum life.

Controlled Dampening and Rebound

AMSOIL Shock Therapy Suspension Fluid is formulated to make suspension systems more predictable. Its base oils have inherently high viscosity indices that effectively maintain viscosity, while its anti-foam agents reduce aeration and foam.

Reduces Friction and Wear

The constant friction within a shock body decreases suspension performance. AMSOIL Shock Therapy Suspension Fluid contains friction modifiers to reduce the energy loss caused by friction, while anti-wear agents protect shocks and forks from premature wear.



- **High viscosity index** helps prevent fade under extreme temperatures
- **Consistent, smooth** dampening
- **Seal conditioners** for extended service life
- **Race-grade** technology

TYPICAL TECHNICAL PROPERTIES

Shock Therapy® Suspension Fluid

| | #5 Light (STL) | #10 Medium (STM) |
|--|------------------|------------------|
| Viscosity @ 100°C, cSt (ASTM D445)..... | 4.4 | 7.3 |
| Viscosity @ 40°C, cSt (ASTM D445)..... | 15.9 | 31.8 |
| Viscosity Index (ASTM D2270)..... | 209 | 206 |
| Flash Point, °C (°F) (ASTM D92)..... | 174 (345) | 192 (378) |
| Fire Point, °C (°F) (ASTM D92)..... | 192 (378) | 208 (406) |
| Pour Point, °C (°F) (ASTM D97)..... | -53 (-63) | -48 (-54) |
| Four-Ball Wear @ 40 kgf, 75°C, 1200 rpm, 1 hr, scar diameter, mm (ASTM D4172)..... | 0.44 | 0.42 |
| Foam, ml (ASTM D892) Sequence I, II, III..... | 50/0, 40/0, 50/0 | 60/0, 50/0, 60/0 |

Use Shock Therapy Light #5 and Medium #10 in applications that specify any of the following:

- Denison* HF-0, HF-1, HF-2
- Racine* Variable Vane Pump
- Lee Norse* 100-1
- DIN 51524 Part 2
- Ford* M6C-32
- Afnor* E 48-603
- BF Goodrich* 0152 (except PM 500 Series)

Recommendations

Use AMSOIL Shock Therapy Suspension Fluid in front forks and shocks on snowmobiles, dirt bikes, motorcycles, ATVs and other racing and recreational-use vehicles, as well as cars and trucks that require suspension systems that perform in the most extreme conditions. Agitate the fluid before use. Shock Therapy Suspension Fluid Light #5 is the preferred choice for winter use.

Use **AMSOIL Shock Therapy Suspension Fluid Light #5** in suspension systems and forks where less dampening and quicker rebounds are desired, including those made by Showa,* Kayaba,* Bilstein,* RydeFX,* Penske,* WP,* RACETECH,* (US1) and Custom Axis.*

Use **AMSOIL Shock Therapy Suspension Fluid Medium #10** in suspension systems where more dampening control and slower rebounds are desired, including those made by Ohlin,* FOX,* RACETECH (US2), Koni* and WP shocks; and Harley-Davidson* forks that recommend type "E" or "B" fork oil.

To cross-reference against your current product visit amsoil.com/shockfluidcrossreference.

AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available online at www.amsoil.com or upon request at 715-392-7101. **Keep Out Of Reach Of Children.** Recycle used oil and bottle.

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Chain Lube

Outstanding Protection for On- and Off-Road Motorcycle Chains

AMSOIL Chain Lube (ACLSC) is a dedicated aerosol chain lubricant that provides outstanding wear and corrosion protection for all types of chains and sprockets. It penetrates deep into the pins and bushings of chains and leaves a protective coating that will not fling off or attract dirt, dust, sand or grit.

Performance Features

- Outstanding protection against wear and corrosion
- Helps extend chain life
- Does not attract dirt
- Does not fling off
- Easy application
- Fast-drying

APPLICATIONS

Chain Lube is suitable for all types of chains, including O, X and Z roller chains found in street, off-road and racing motorcycles. It is also excellent for bicycle, agricultural and industrial applications.

Directions

Shake well. Clean chain prior to application. Apply a steady stream along the full length of the chain. Allow to dry for 15 minutes.

Disposal

Aerosols may have different disposal requirements than other wastes in your area. Dispose of contents and container in accordance with all federal, state/provincial and local regulations.

TECHNICAL SERVICES

For immediate answers to your technical questions call (715) 399-TECH (8324) between 8 a.m. and 5 p.m. Central time or email tech@amsoil.com.

PRODUCT AVAILABILITY

Chain Lube is available in 11-oz. and 4.5-oz. spray cans.

PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available online at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.**



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Quickshot®

Formulated to Restore Peak Performance in Small Engines and Powersports Equipment

Degraded fuel presents a major maintenance issue in small engines and powersports equipment. It can form varnish, gum and insoluble debris that clog carburetors, fuel injectors and fuel filters. Carbon build-up can form on the tops of pistons, causing pre-ignition, rough idling and poor throttle response. Fuel-related problems are only expected to intensify in the coming years as the ethanol content in pump gasoline continues to increase.

AMSOIL Quickshot is a premium fuel additive formulated to thoroughly clean and restore peak performance in small engine and powersports equipment fuel systems. It also stabilizes fuel between uses and during short-term storage. Its revolutionary technology focuses on three major fuel-related issues plaguing these applications: ethanol, water and dirty pump gas.

Ethanol

Ethanol in fuel has a tendency to absorb water and separate from the gasoline (a process known as *phase separation*), sinking to the bottom of the gas tank where it quickly degrades and creates gum, varnish and other insoluble debris that can plug fuel-flow passages and negatively affect engine performance. When this ethanol/water mixture is pulled into the engine, it creates a lean-burn situation that increases combustion-chamber temperatures and can lead to engine damage. AMSOIL Quickshot is designed to keep water dispersed throughout the fuel tank, moving it out as a normal part of operation and decreasing the chance of ethanol separating from the gasoline.

Quickshot was tested in fuel containing 10 percent ethanol. Controlled plugging of injectors showed a 70 percent flow improvement, while oxidation stability improved 44 percent over untreated fuel.

Water

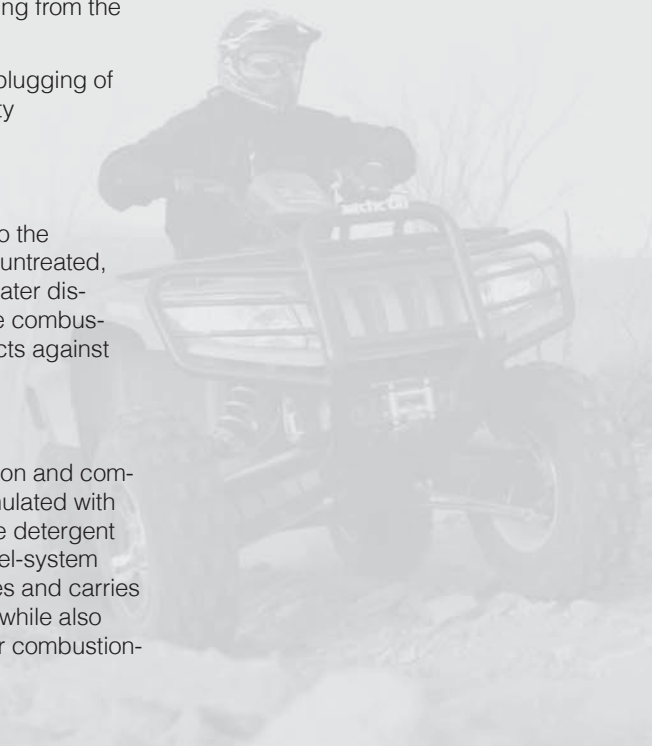
Water finds its way into gas tanks through condensation in tanks open to the atmosphere, gas pumps and other environmental conditions, and if left untreated, will cause starting, performance and corrosion problems. By keeping water dispersed in tiny molecules and safely moving it out of the tank through the combustion chamber, Quickshot helps maintain engine performance and protects against damaging corrosion.

Dirty Gasoline

Dirty gasoline causes fuel-system gumming and varnish, as well as piston and combustion-chamber deposits. Although all gasoline sold in the U.S. is formulated with a lowest additive concentration (LAC) level of detergent additives, these detergent levels are not enough to prevent deposits from building up on critical fuel-system components. Quickshot contains unique chemistry that quickly detaches and carries away deposits and buildups in fuel systems, injectors and carburetors, while also cleaning hard-to-remove deposits on piston tops, spark plugs and other combustion-chamber parts.



- **Cleans** fuel systems
- **Addresses** ethanol-related performance issues
- **Stabilizes** fuel



Phase Separation



When ethanol/water mixtures fall to the bottom of fuel containers, it leads to lean-burn situations. Quickshot helps keep water molecules dispersed to prevent phase separation.

APPLICATIONS

Quickshot (AQS) is recommended for use in all two- and four-stroke gasoline-powered engines, including motorcycles, snowmobiles, boats, personal watercraft, ATVs, edgers, tillers, mowers, snowblowers, chainsaws, generators and farm and construction equipment. However, AMSOIL P.i.[®] Performance Improver is the superior choice for passenger vehicle applications.

RECOMMENDATIONS

Quickshot is designed for an initial clean-up dose of 8 oz. (236-ml) per 6 gallons (23 litres) of gasoline, followed by 8 oz. (236-ml) per 12 gallons (45 litres) thereafter. Slight overtreatment has no negative consequences.



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. ▼

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Motorcycle Octane Boost

Maximizes Power and Efficiency

AMSOIL Motorcycle Octane Boost (MOB) increases octane for maximum power and efficiency. It is designed to improve startup performance and eliminate engine ping or knock for increased power at low-rpm operation. Motorcycle Octane Boost contains detergents that help combustion chambers and fuel delivery systems maintain cleanliness for optimum performance. At the recommended treat rate, it does not harm catalytic converters or oxygen sensors and is compatible with all other AMSOIL fuel additives.

Maximizes Power & Performance

When added to 4-6 gallons of fuel, Motorcycle Octane Boost increases the octane of gasoline up to three numbers. Increased octane improves power and can eliminate performance-robbing and potentially damaging engine knock or ping (see reverse).

Improves Low-rpm Performance

Engine knock is especially noticeable in some motorcycles during idle or low-rpm operation and high-temperature driving. Most modern bikes are equipped with sophisticated knock-detection systems that can alter spark timing and the air-to-fuel mixture until knock ceases. Although these systems protect the engine from damage, they can also cause reduced horsepower and poor low-rpm operability. AMSOIL Motorcycle Octane Boost helps reduce the need for knock-detection systems to compensate, ensuring maximum low-rpm power and performance in modern bikes.

Cleans Harmful Deposits

Because Motorcycle Octane Boost contains active detergents, it can help maintain the cleanliness of combustion chambers and fuel delivery systems for improved efficiency. For clean up, however, AMSOIL recommends treating gasoline with AMSOIL Quickshot®, which contains a greater concentration of cleaning agents.



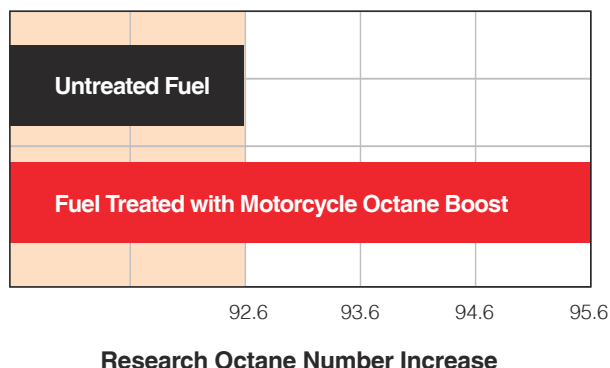
What is engine knock and why does it matter?

The tendency of a hydrocarbon fuel, such as gasoline, to knock is measured by its octane number. Lower numbers denote a greater knock tendency; higher numbers denote greater knock control. "Engine knock" is a reference to the sound made from an uncontrolled and early ignition of fuel in the combustion chamber. It causes a knocking or pinging sound, robs the engine of power and can cause catastrophic engine damage. Knock may be eliminated by increasing the fuel's octane.

What is Research Octane Number?

Research Octane Number (RON), Motor Octane Number (MON) and Anti-Knock Index (AKI) are the three most common octane ratings. AKI, the rating with which most North American motorists are familiar, is typically displayed on gas pumps as the average of the fuel's RON and MON $[(R+M)/2]$. RON, however, is the most common industry rating. Therefore, AMSOIL uses the RON rating when conducting performance tests and product validation. Gasoline's RON generally is a few numbers higher than the AKI posted on the gas pump (e.g. 87 octane fuel, or regular pump gas, has a RON of about 91-92).

AMSOIL Motorcycle Octane Boost Increases Research Octane up to 3 Numbers



When marketing their products, some additive manufacturers have adopted a points system where 10 points equals one octane number. A claim that an additive increases octane 30 points translates into an increase of three octane numbers. This approach is often used only to artificially strengthen marketing claims and is not endorsed by AMSOIL.

Treat Rate

One 4-oz. bottle of AMSOIL Motorcycle Octane Boost treats four to six gallons of gasoline.

APPLICATIONS

Motorcycle Octane Boost is primarily recommended for use in four-stroke air- or liquid-cooled motorcycles manufactured by Harley-Davidson*, Yamaha*, Honda*, Ducati*, BMW*, Triumph* and all other four-stroke motorcycles. It may be used in off-road applications, including ATVs, UTVs and snowmobiles, as an alternative to AMSOIL DOMINATOR® Octane Boost.

Note: Clean spills immediately using a clean towel. If left standing, Motorcycle Octane Boost can stain painted or metal surfaces. If cleaned immediately, there is no need for concern.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Don't pollute.

For AMSOIL warranty information, visit www.amsoil.com/warranty.aspx.

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Superior Filtration for Motorcycles and Powersports Equipment

Motorcycle and powersports enthusiasts want their equipment to run at peak performance and deliver years of satisfaction. Many have invested thousands of dollars and untold hours into acquiring and taking care of their machines. Dirt and other particles, however, can infiltrate the engine and cause wear. Over time, the engine can become less efficient, lose power and fail to deliver the “like-new” feeling enthusiasts desire when riding. AMSOIL Ea® Motorcycle Oil Filters (EaOM) incorporate the same synthetic media found in AMSOIL Ea Oil Filters (EaO/Ea15K) for auto/light-truck filters. Their excellent filtering efficiency maximizes wear protection, helping equipment run at peak efficiency and last longer.

Maximum Protection Against Wear

The unique construction and full-synthetic media of Ea Motorcycle Oil Filters allow them to provide excellent performance in motorcycles and other powersports equipment. They are designed to last longer, remove smaller particles and offer less restriction than other filters. Ea Motorcycle Oil Filters provide filtering efficiency of 98.7 percent at 20 microns, delivering outstanding protection for motorcycles and other equipment.

Durable Construction

Ea Motorcycle Oil Filters feature a specially constructed silicone anti-drainback valve (where applicable) and a nitrile sealing gasket to go along with full-synthetic media. The anti-drainback valve provides excellent protection during startup and remains flexible in all temperatures. The nitrile sealing gasket resists chemical breakdown, providing excellent durability and ensuring long filter life. Ea Motorcycle Oil Filters are fluted for easy removal and are available in chrome.

Multiple Applications

Ea Motorcycle Oil Filters provide outstanding protection for motorcycles, ATVs, UTVs, four-stroke personal watercraft, four-stroke snowmobiles and four-stroke outboards. AMSOIL provides Ea Motorcycle Oil Filters for the most popular powersports applications.



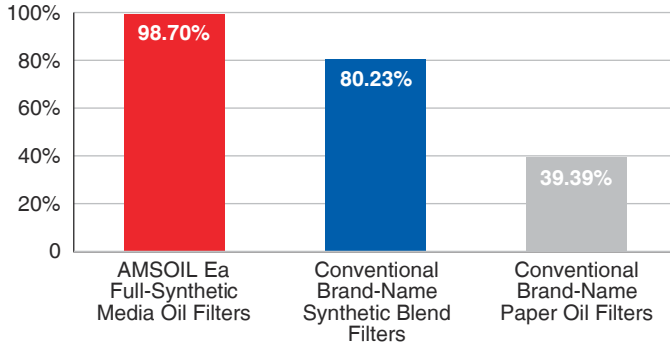
- **Guard** against engine wear
- **Help** extend engine life
- **Help** improve performance
- **Fluted** for easy removal



Ea Motorcycle Oil Filter Service Life

For maximum engine protection, AMSOIL recommends changing Ea Motorcycle Oil Filters at every oil change.

Filter Efficiency @ 20 Microns per ISO 4548-12



AMSOIL PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

RECOMMENDED ACCESSORIES

Filter wrenches with a 3/8" square drive offered by AMSOIL are designed to install and remove AMSOIL Ea Oil Filters and Ea Motorcycle Oil Filters in hard-to-reach locations.

Filter Wrench (64 mm) (GA265) Recommended for AMSOIL Ea Oil Filters and Ea Motorcycle Oil Filters EA15K09, EA15K10, EA15K12, EA15K13, EAO14, EAOM103, EAOM103C, EAOM109.

Filter Wrench (74 mm) (GA258) Recommended for AMSOIL Ea Motorcycle Oil Filters EAOM122C, EAOM132, EAOM132C, EAOM133, EAOM133C, EAOM137C.

Filter Wrench (76 mm) (GA251) Recommended for AMSOIL Ea Oil Filters and Ea Motorcycle Oil Filters EAO17, EAO18, EAO23, EA15K29, EA15K32, EAO34, EAO37, EAO38, EA15K50, EA15K51, EAO64, EAOM122, EAOM134, EAOM134C, EAOM135, EAOM135C, EAOM136C, EAOM138.



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Miracle Wash® Waterless Wash & Wax

A Showroom Shine Without the Mess of Soap and Water

AMSOIL Miracle Wash® Waterless Wash & Wax (AMW) provides vehicles with a fantastic shine and super-tough protective finish in just two easy steps – spray and wipe. Specialized surfactants lift the dirt off the surface of the vehicle and hold it in suspension while the vehicle is wiped clean. Miracle Wash acts as a protective barrier between the dirt particles and the surface, protecting the finish from abrasion. Specialized anti-static agents repel dust and light dirt, maintaining the vehicle's brilliant shine long after washing is finished. Miracle Wash also protects against the damaging effects of the sun's ultraviolet rays.

Applications

Miracle Wash is highly effective on virtually all non-porous and painted surfaces:

- Cars • Trucks • RVs • Motorcycles •
- Boats • Countertops • Windows • Mirrors •
- Kitchen Appliances • Many More

Test in a small area before using on matte or other porous finishes.

Directions

1. Remove thick, coated dirt on surface.
2. Shake well.
3. Apply in dry, shaded location onto a 3 sq. ft. area.
4. Wipe immediately with a clean, lint-free cloth.

Disposal

Aerosols may have different disposal requirements than other wastes in your area. Dispose of contents and container in accordance with all federal, state/provincial and local regulations.

TECHNICAL SERVICES

For immediate answers to your technical questions call (715) 399-TECH (8324) between 8 a.m. and 5 p.m. Central time or email tech@amsoil.com.

PRODUCT AVAILABILITY

Miracle Wash is available in 13-ounce spray cans. Not available in Canada.

PRODUCT WARRANTY

AMSOIL products are backed by a Limited Liability Warranty. For complete information visit www.amsoil.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available online at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.**



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