



M A G A Z I N E

► **PREFERRED CUSTOMER EDITION**

SUMMER 2025

C A R ★ C A R E

Seven New Products

| **PAGE 4**





PRODUCT SPOTLIGHT: **AMSOIL Power Foam (APF)**

WHAT IS IT?

- **Carburetor** and induction-system cleaner for two- and four-stroke gasoline engines.

WHAT DOES IT DO?

- **Cleans** deposits from ethanol and degraded fuel.
- **Removes** gum and varnish.
- **Maximizes** horsepower.
- **Restores** startability.
- **Helps** improve fuel economy.
- **Reduces** pollution.

WHO IS IT FOR?

- **Automotive and powersports enthusiasts, do-it-yourselfers, commercial accounts.** Applications include UTVs/ATVs, marine engines, motorcycles, lawncare equipment, tractors, cars and trucks.

Not available in Canada.



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FEATURES

- 4 AMSOIL Car Care: Seven New Products
- 10 Motor Oil Specially Engineered for What You Drive
- 14 Motorcycle Oil Specially Engineered for What You Ride
- 18 Team AMSOIL Racer Ken Bruner Looks to Defend UCC Title

DEPARTMENTS

- 9 Tech Talk

ADVERTISEMENTS

- 2 Product Spotlight: AMSOIL Power Foam (APF)
- 8 Product Spotlight: AMSOIL Heavy-Duty Degreaser (ADG)
- 20 Coming Soon: New AMSOIL App

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Back issues of *AMSOIL Magazine* are available for \$1 each. Order G17PC and specify the month and year.

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THE COVER

Last year's launch of AMSOIL Car Care was a great success. Check out the outstanding new additions to the line.



CAR CARE

Seven New Products

AMSOIL Car Care products are engineered with advanced technology to deliver powerful cleaning action that helps vehicles shine brighter. The line launched last June with AMSOIL High-Foam Car Shampoo, AMSOIL Ceramic Spray and AMSOIL Interior Detailer. Now, the AMSOIL Car Care line is expanding with seven new premium products and accessories: AMSOIL Quick Detailer, AMSOIL Wheel + Tire Cleaner, AMSOIL Tire + Trim Protectant, AMSOIL Foam Cannon, AMSOIL Microfiber Detailing Towel, AMSOIL Drying Towel and AMSOIL Microfiber Wash Mitt.

AMSOIL QUICK DETAILER

AMSOIL Quick Detailer features a specially blended formulation of surfactants and cleaning agents that lubricate and lift away light dust and debris from painted and plastic surfaces. A simple spray-on, wipe-off application allows for a quick and effective detail between washes. **Available in May.**

- Removes light dust and debris.
- Lubricates surfaces.
- Easy spray-on, wipe-off application.
- Residue-free surfactants ensure a streak-free finish.
- Enhances appearance.



AMSOIL Quick Detailer

U.S. PRICING

Stock #	Units	Pkg./Size	U.S. P.C.
QDSCN	EA	(1) 16-oz bottle	9.99
QDSCN	CA	(12) 16-oz bottles	112.85

CAN. PRICING

Stock #	Units	Pkg./Size	Can. P.C.
QDSCNC	EA	(1) 473-ml bottle	13.19
QDSCNC	CA	(12) 473-ml bottles	149.40

AMSOIL WHEEL + TIRE CLEANER

AMSOIL Wheel + Tire Cleaner provides a pH-balanced, 2-in-1 formula that safely breaks down and removes stubborn brake dust, road grime and tire blooming. It ensures an effective clean without harming wheels or tires. **Available in May.**

- pH-balanced formula is tough on contaminants and gentle on all wheel finishes.
- Removes tire blooming.
- Easy application.
- Lubricates wheel faces.
- Prepares tires for dressing.

AMSOIL Wheel + Tire Cleaner

U.S. PRICING

Stock #	Units	Pkg./Size	U.S. P.C.
WTCCN	EA	(1) 16-oz bottle	12.99
WTCCN	CA	(12) 16-oz bottles	147.00

CAN. PRICING

Stock #	Units	Pkg./Size	Can. P.C.
WTCCNC	EA	(1) 473-ml bottle	17.09
WTCCNC	CA	(12) 473-ml bottles	194.35



AMSOIL TIRE + TRIM PROTECTANT

AMSOIL Tire + Trim Protectant features an advanced, non-greasy formulation that conditions rubber and exterior plastic trim, resulting in a long-lasting satin or gloss finish. It's designed with quick drying properties to reduce sling and contamination. An added protective UV barrier shields against harmful rays. **Available in May.**

- Non-greasy, quick-drying formula reduces sling.
- UV barrier inhibits dry rotting.
- Conditions rubber and exterior plastic trim.
- Results in a long-lasting satin or gloss finish.

AMSOIL Tire + Trim Protectant

U.S. PRICING

Stock #	Units	Pkg./Size	U.S. P.C.
TTPCN	EA	(1) 16-oz bottle	14.99
TTPCN	CA	(12) 16-oz bottles	169.50

CAN. PRICING

Stock #	Units	Pkg./Size	Can. P.C.
TTPCNC	EA	(1) 473-ml bottle	18.99
TTPCNC	CA	(12) 473-ml bottles	215.90



TO ORDER: 1-800-777-7094 MONDAY – FRIDAY 7 A.M. – 7 P.M. CENTRAL • AMSOIL.COM • AMSOIL.CA

Free shipping on all orders of \$100 (\$130 CAN.) or more.

Orders below \$100 (\$130 Can.) pay a flat shipping rate of \$9.99 (\$12.99 Can.).



AMSOIL Foam Cannon

The AMSOIL Foam Cannon is designed with premium components that are made to last and improve the washing experience. Its wide-mouth, wide-base design ensures stability and easy filling. Tackle hard-to-reach areas with ease and ensure complete coverage, reducing the risk of wash-induced scratches and swirl marks throughout the wash process.

Available in June.

AMSOIL Foam Cannon

	Stock #	Units	P.C.
U.S.	G3911	EA	62.99
CAN.	G3911	EA	88.40

AMSOIL Drying Towel

The AMSOIL Drying Towel provides an excellent finish to your wash. Its soft, 1100 GSM microfiber material provides superior absorbency, allowing you to dry a standard-size vehicle with a single towel. The non-abrasive, twist-loop weave design allows you to drag the towel across the surface of the vehicle, reducing the risk of scratches and swirls.

Available in May.

AMSOIL Drying Towel

	Stock #	Units	P.C.
U.S.	G3913	EA	19.99
CAN.	G3913	EA	31.45



AMSOIL Microfiber Detailing Towel

The AMSOIL Microfiber Detailing Towel features an ultra-soft, lint-free, 350 GSM borderless design for versatility in both interior and exterior detailing applications. Its high absorbency reduces streaks and requires fewer passes. The AMSOIL Microfiber Detailing Towel 2-pack offers exceptional value and convenience, ensuring you get a streak-free finish. **Available in May.**

AMSOIL Detailing Towel 2-Pack

	Stock #	Units	P.C.
U.S.	G3912	EA	9.99
CAN.	G3912	EA	13.95

AMSOIL Microfiber Wash Mitt

The AMSOIL Wash Mitt is the perfect tool to complete a bucket wash. Designed with extreme 1500 GSM soft microfiber material to reduce scratches and swirls. A foam insert complete with a stitched divider offers better control and lower surface pressures than a standard chenille or “noodle” mitt. Make fewer trips to the bucket with excellent water retention and cut down on your wash time. **Available in May.**

AMSOIL Microfiber Wash Mitt

	Stock #	Units	P.C.
U.S.	G3914	EA	11.49
CAN.	G3914	EA	16.45

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PRODUCT SPOTLIGHT: **AMSOIL Heavy-Duty Degreaser (ADG)**

WHAT IS IT?

- **Fast-acting**, citrus-based degreaser.

WHAT DOES IT DO?

- **Dissolves** oil, tar and grime.
- **Removes** sticky residue.
- **Works** fast.
- **Eases** cleaning.
- **Leaves** a clean scent.

WHO IS IT FOR?

- **Automotive and powersports enthusiasts, do-it-yourselfers, commercial accounts.** Applications include metal surfaces, oil-stained concrete, adhesive-coated surfaces, heavy-duty equipment, gears and chains, powersports equipment, farm equipment and more.

Not available in Canada.



Why the ‘splash’ is especially critical in unpressurized small-engine oil systems

We examine pressurized and unpressurized oil delivery in small engines and the consequences of inferior lubrication.

Len Groom | DIRECTOR, PRODUCT MARKETING – POWERSPORTS & POWER EQUIPMENT

Splash Lubrication in Small Engines

Small engines frequently distribute oil through the engine by splash lubrication. Unlike pressurized lubrication systems that use an oil pump to move the oil and maintain lubrication between engine components, unpressurized splash-lubrication systems see the crankshaft partly submerged in the oil sump, with its rotation momentum splashing oil on other engine components.

Pressurized lubrication has advantages in delivering consistent and precise lubrication to critical components under extreme conditions. It also better dissipates heat and improves durability and reliability in high-stress engines. However, pressurized systems are more complex and come with higher initial and maintenance costs and increased risk of failure.

Splash lubrication eliminates complex parts, making it a cost-effective solution for low-rpm and low-load applications like lawnmowers and chainsaws. Fewer components not only reduce manufacturing and maintenance costs, but lower the risk of mechanical failures. However, splash lubrication may not evenly distribute oil at steep angles or high speeds and has limited cooling and lubrication efficiency.

Whether an application is lubricated by splash or pressure, starving engine components of lubrication quickly leads to increased friction between moving parts. The resulting wear eventually causes catastrophic engine damage.

AMSOIL Synthetic Small-Engine Oil is engineered to improve the performance and longevity of small engines that rely on splash lubrication.

1. Thermal Stability

AMSOIL Synthetic Small-Engine Oil has excellent thermal stability and resists breaking down under high heat, ensuring the oil maintains its viscosity and protective properties when the engine runs hot. Consistent oil performance at high temperatures minimizes the risk of friction and wear on critical engine components.

2. Subzero Temperatures

An oil's ability to coat moving parts quickly and effectively determines how well the

engine is protected. The molecular structure of AMSOIL Synthetic Small-Engine Oil enables it to flow better at extremely cold temperatures, ensuring immediate lubrication that prevents damage caused by dry starts.

3. Sludge and Deposits

Conventional oils contain impurities that form sludge and deposits that can create blockages as the oil breaks down. AMSOIL Synthetic Small-Engine Oil resists oxidation and thermal degradation, helping keep internal engine components clean and promoting consistent oil distribution.

4. Friction and Wear

The molecular composition of AMSOIL Synthetic Small-Engine Oil maintains a thick lubricating film on engine components that reduces friction, translating to less wear on internal engine parts and improving the engine's overall durability.

5. Oil Life

Small engines often run intermittently under varying loads, which can accelerate oil degradation. AMSOIL Synthetic Small-Engine Oil has superior resistance to mechanical and thermal breakdown, requiring fewer oil changes and reducing maintenance time and costs.

6. Heavy Loads

Although splash-lubrication systems are typically used in low-stress applications, some small engines operate under heavy loads or high rpm. AMSOIL Synthetic Small-Engine Oil protects the engine during demanding operation by maintaining consistent lubrication that helps prevent overheating and wear.

AMSOIL Synthetic Small-Engine Oil

While splash-lubrication systems are cost-effective and straightforward, they depend heavily on the oil's quality to function optimally. Using AMSOIL Synthetic Small-Engine Oil in splash lubricated systems ensures consistent, reliable lubrication under temperature extremes, prolonged use and challenging operational environments. Reduced wear and extended oil and engine life make AMSOIL Synthetic Small-Engine Oil a smart investment for customers who depend on small-engine equipment reliability.

MOTOR OIL SPECIALLY ENGINEERED FOR WHAT YOU DRIVE

You've most likely heard the AMSOIL slogan by now: Specialized Lubricants Engineered for What You Drive and How You Drive.[®] But what does that really mean? Specialized how? Isn't motor-oil performance measured on a simple continuum from worst to best? Not quite. Different vehicles endure different challenges depending on their design and usage. AMSOIL engineers motor oil to target those unique conditions and maximize power, performance and protection.

Motor-oil formulations continue to evolve as new automotive technologies emerge and new specifications arrive to support them. ILSAC GF-7 and API SQ are heralding another step in the evolution of motor oil. AMSOIL is prepared with products that already meet or exceed the updated standards, and AMSOIL Signature Series 100% Synthetic Motor Oil is undergoing a revolutionary reformulation that promises to usher in the next generation of motor-oil technology.

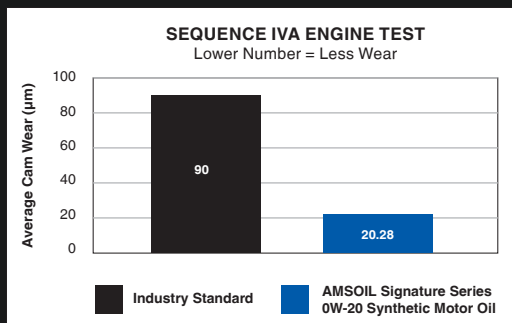
Here's an overview of the AMSOIL gasoline motor-oil lines, including what makes them specialized and who they're designed for.

AMSOIL SIGNATURE SERIES 100% SYNTHETIC MOTOR OIL

AMSOIL Signature Series 100% Synthetic Motor Oil is engineered for enthusiasts seeking maximum protection and performance. It's precision-formulated with cutting-edge technology and a passion for making the world's best motor oil.

Signature Series Fights Wear

75% more engine protection against horsepower loss and wear.^A



^ABased on independent testing of AMSOIL Signature Series 0W-20 using the ASTM D6891 standard test.

- 75% more engine protection against horsepower loss and wear.¹
- Protects turbochargers 72% better than required² by the GM dexos 1 Gen 2 specification.
- 28% more acid-neutralizing power than Mobil 1.*³
- 50% more cleaning power.⁴
- Trusted by professional engine builders.
- Guaranteed protection for up to 25,000 miles (40,200 km) or 1 year.

AMSOIL EXTENDED-LIFE 100% SYNTHETIC MOTOR OIL

AMSOIL Extended-Life 100% Synthetic Motor Oil is overbuilt for road warriors so they can confidently drive up to 20,000 miles (32,000 km) or one year⁵ between oil changes. A proprietary combination of advanced synthetic base oils and a boosted additive package promotes cleanliness and prolonged engine life.

- 20,000 miles (32,000 km) of guaranteed protection between changes.⁵
- 37% more cleaning power⁶ to help keep your engine running smoother, longer.
- Protects against LSPI.
- Already meets or exceeds ILSAC GF-7 and API SQ standards.

AMSOIL 100% SYNTHETIC HIGH-MILEAGE MOTOR OIL

AMSOIL 100% Synthetic High-Mileage Motor Oil is designed specifically for the unique demands of high-mileage engines, helping extend the life of your vehicle. It delivers purpose-built protection at a time in your vehicle's life where it could benefit from more-robust maintenance.

AMSOIL High-Mileage Motor Oil provides an added boost of detergents to clean up sludge and deposits left behind from prior use of a lower-quality oil. A robust viscosity provides additional wear protection even after some wear has occurred. Added seal conditioners extend the life of seals from drying, cracking and leaking.

- Unique chemistry for vehicles with over 75,000 miles (120,000 km).
- Boosted detergent and dispersant package.
- Enhanced anti-wear additives.
- Reduced sludge by 67%,⁷ demonstrating its cleaning power that helps engines last longer and perform better.
- Guaranteed protection for up to 12,000 miles (19,000 km) or 1 year.⁸
- Already meets or exceeds ILSAC GF-7 and API SQ standards.

¹Based on independent testing of AMSOIL Signature Series 0W-20 using the ASTM D6891 standard test. ²Based on independent testing of AMSOIL Signature Series 5W-30 in the GM turbo coking test. ³Based upon independent testing of Mobil 1 Annual Protection Full Synthetic 5W-30 and AMSOIL Signature Series 5W-30 in ASTM D2896. Oils purchased in July 2020. ⁴Compared to AMSOIL OE Synthetic Motor Oil. ⁵Normal Service – Up to 20,000 miles (32,000 km) or one year, whichever comes first, in personal vehicles not operating under severe service. ⁶Compared to AMSOIL OE Synthetic Motor Oil. ⁷Based on independent testing of AMSOIL 0W-20 100% Synthetic High-Mileage Motor Oil using a modified Sequence VH Test (ASTM D8256). ⁸Normal Service – Up to 12,000 miles or one year, whichever comes first, in personal vehicles not operating under severe service.



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AMSOIL 100% SYNTHETIC HYBRID MOTOR OIL

Infrequent engine usage and increased start/stop activity place demands on lubricants not common in traditional internal-combustion vehicles. AMSOIL 100% Synthetic Hybrid Motor Oil is a premium upgrade over vehicle-manufacturer-branded motor oils, delivering purpose-built protection for the hybrid drive cycle to maximize engine life, efficiency and performance.

- Provides up to 16% better low-temperature viscosity than Mobil 1, delivering better protection at startup.⁹
- Specially formulated for hybrid engines.
- Superior sludge and deposit control.
- Enhanced corrosion protection.
- Trusted by professional engine builders.
- Guaranteed protection for up to 15,000 miles (24,000 km) or 1 year.¹⁰
- Already meets or exceeds ILSAC GF-7 and API SQ standards.

AMSOIL OE 100% SYNTHETIC MOTOR OIL

AMSOIL OE 100% Synthetic Motor Oil delivers 100% synthetic engine protection for advanced automotive technology, including turbos and direct injection. Specifically formulated for the longer drain intervals recommended by original equipment (OE) manufacturers.

- Fights sludge and deposits with 100% synthetic formulation.
- 47% more wear protection¹¹ than required by the GM dexos1 Gen 2 specification.
- 100% protection against LSPI¹² in the engine test required by the GM dexos1 Gen 2 specification.
- Already meets or exceeds ILSAC GF-7 and API SQ standards.

AMSOIL Z-ROD® 100% SYNTHETIC MOTOR OIL

AMSOIL Z-ROD 100% Synthetic Motor Oil is specially engineered for classic and high-performance vehicles to perform on the street and protect during storage. It contains high levels of ZDDP to prevent wear on flat-tappet camshafts and other critical engine components. Top-tier additives and rust inhibitors deliver maximum performance and keep your classic engine free of rust and corrosion in storage.

- Engineered for classic vehicles.
- Helps retain horsepower.
- High-zinc formula protects flat-tappet cams, lifters, rockers and other critical components.
- Protects against rust during storage.

⁹Based on independent, third-party testing of AMSOIL 0W-20 100% Synthetic Hybrid Motor Oil and Mobil 1 0W-20 Hybrid Full Synthetic Motor Oil (batch code 10222M14A RN6613 326900 D340BUDE015 purchased April 17, 2023) in the industry-standard ASTM D5293 Cold Crank Simulator test as required by SAE J300. ¹⁰Normal Service – Up to 15,000 miles or one year, whichever comes first, in personal vehicles not operating under severe service. ¹¹Based on independent testing of OE 0W-20 in the Peugeot TU3M Wear Test as required by the dexos1 Gen 2 specification. ¹²Based on zero LSPI events in five consecutive tests of AMSOIL OE 5W-30 Motor Oil in the LSPI engine test required by the GM dexos1 Gen 2 specification.



AMSOIL 100% SYNTHETIC EUROPEAN MOTOR OIL

European performance and styling define a culture of exceptional engineering. AMSOIL matches that devotion to precision with lubricants designed for the unique demands of gasoline, diesel and hybrid European vehicles. Its precise formulation of advanced synthetic base oils and premium additives deliver exceptional engine protection without harming emissions systems.

- Designed for the unique demands of gasoline, diesel and hybrid European vehicles.
- European formula features precise blend of synthetic base oils and premium additives.
- Exceptional engine protection without harming emissions systems.

AMSOIL DOMINATOR® 100% SYNTHETIC RACING OIL

AMSOIL DOMINATOR Synthetic Racing Oil is designed to protect high-performance racing applications operating on the ragged edge. DOMINATOR is engineered to withstand the elevated rpm, high temperatures and shock-loading common to racing applications. Its robust formulation is lab-crafted to provide maximum horsepower without sacrificing engine protection and it has been tested and validated by championship-winning race teams.

- Formulated specifically for racing and high-performance engines.
- Robust formulation resists viscosity loss.
- Proprietary friction modifier maximizes horsepower and torque.
- Fortified with anti-wear additives for extra protection.



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MOTORCYCLE OIL SPECIALLY ENGINEERED FOR WHAT YOU RIDE

Modern engines are highly refined and benefit from specially designed protection, but a continuously increasing number of options means shopping for oil can get confusing. Owners of more than one motorcycle might be curious if they can use the same lubricants in their V-twin, metric motorcycle and dirt bike. However, different types of motorcycles present unique oil challenges that a single formulation can't easily meet.

Why Choose Motorcycle-Specific Oil

Motorcycle oil serves multiple purposes by maintaining engine and transmission performance while protecting against wear. Increased heat accelerates oil oxidation, leading to deposit formation that robs motorcycle engines of efficiency and power. The shearing forces of the transmission further reduce the oil's lubricating ability, increasing the risk of component wear. Whether you ride a Harley-Davidson* touring bike, Kawasaki* sport bike or Honda* dirt bike, AMSOIL motorcycle oil is designed to prevent oil breakdown under extreme heat and pressure.

V-Twin Oil

The classic air-cooled V-twin engine found in most Harley-Davidson motorcycles gets extremely hot. For example, we saw cylinder temperatures reach 420°F (216°C) in our in-house dyno testing. Heat that intense wreaks havoc on cheap motor oil, causing it to lose viscosity and become thinner, effectively turning a 20W-50 into a 10W-40, or worse. Running an engine on a lighter viscosity than it is designed for increases the risk of internal engine wear.

Extreme heat also hastens chemical breakdown, as the rate of oxidation doubles for every 18°F (10°C) increase in oil temperature. That means for every 18°F increase in temperature, oil life is cut in half. It's imperative that the oil in an air-cooled V-twin can withstand such intense heat. AMSOIL Synthetic V-Twin Motorcycle Oil is formulated with synthetic base oils that maintain viscosity at these extreme temperatures.



Bikes that use the same oil for both the engine and transmission are especially prone to viscosity loss, as the force of shifting gears can also destroy the oil's molecular structure. AMSOIL Synthetic V-Twin Motorcycle Oil is shear stable and does not thin from mechanical activity, providing reliable protection against wear under the toughest riding conditions.

AMSOIL Synthetic V-Twin Motorcycle Oil delivers excellent performance in the engine, transmission and primary chaincase, offering the convenience of a single oil for all three reservoirs. It is available in multiple viscosities as part of our complete V-twin product line, including complete oil-change kits with filter. For bikers who prefer specifically formulated oils, AMSOIL Synthetic V-Twin Transmission Fluid and Synthetic V-Twin Primary Fluid are engineered to the same exacting standards.

Metric Motorcycle Oil

Metric motorcycles are known for delivering high levels of performance and responsiveness. Metric single, twin, triple and four-cylinder engines commonly found in standard (naked), cruiser, adventure (ADV), touring and sport bikes can easily surpass 10,000 rpm.

The mechanical action of the crankshaft spinning that fast can whip air into the oil, causing it to foam. If the oil isn't formulated with fast air-release properties, foam bubbles will travel throughout the engine. When they collapse between meshing gears or bearing surfaces, nothing is left behind except air, which provides zero protection against wear.



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Most metric motorcycles require wet-clutch-compatible lubricants to deliver fast, smooth, efficient and consistent shifting performance. Additionally, touring and ADV bikes are designed to provide comfort and luxury for long, cross-country adventures, which benefit from extended drain intervals.

AMSOIL Synthetic Metric Motorcycle Oil is specifically formulated with anti-foam additives that weaken the surface tension of air bubbles, resulting in excellent anti-wear protection. The advanced additive package also delivers superior wet-clutch compatibility, enabling smooth shifts for a more comfortable ride. The advanced synthetic formula maximizes engine responsiveness to help riders confidently push their bikes to redline, for maximum speed, acceleration and cornering ability. It also extends drain intervals up to twice the bike manufacturer's recommendation, allowing riders to confidently wander far from home.

AMSOIL Synthetic Metric Motorcycle Oil enhances motorcycle performance and reliability and delivers superior protection against engine wear. It is available in multiples viscosities as part of our complete metric motorcycle product line, including oil filters and AMSOIL Powersports Antifreeze & Coolant.

Dirt Bike Oil

Unsurprisingly, dual-sports and dirt bikes frequently operate in unfavorable off-road conditions, with ample low-speed stress punctuated by periods of high revving. Off-road racing adds frequent repetition between wide-open throttle on straights and rapid acceleration through corners. Throttling through jumps causes the rear tire to spin freely in the air, which creates a heavy load on the engine when it contacts the ground. Trail riding requires constant clutch and throttle manipulation to maneuver over and around obstacles.

Dirt bike engines are also inherently lightweight designs built for performance. However, removing mass and increasing power adds additional engine stress. Additionally, dirt bike pistons tend to have shorter piston skirts to reduce friction. Shorter pistons want to rock inside the cylinder, which concentrates tremendous force on the tiny contact area between the piston skirt and cylinder wall. Only a microscopic oil film provides protection in this area, so superior oil film strength is needed to help the engine survive. The combination of high rpm and lighter materials can quickly lead to dirt bike engine failure if the oil fails.

Making matters worse, many dirt bikes hold only about one quart of oil, which is tasked to protect all the engine and transmission components under these severe conditions. Therefore, most dirt bike riders change motor oil frequently. Under heavy use, dirt bike engines may even need to be rebuilt as often as every 15 hours.



AMSOIL Synthetic Dirt Bike Oil is engineered to enhance engine performance and reliability in extreme conditions, while delivering superior protection against engine wear. AMSOIL DOMINATOR® Synthetic 2-Stroke Racing Oil handles two-stroke dirt bike needs, and AMSOIL Synthetic Dirt Bike Oil is available in multiple viscosities for four-strokes as part of our complete dirt bike product line, including oil filters and AMSOIL Synthetic Dirt Bike Transmission Fluid.

Choose AMSOIL

AMSOIL synthetic motorcycle oil meets or exceeds exacting motorcycle manufacturer and industry standards and is WARRANTY SECURE™ to maintain factory warranties. It is as precisely engineered as the bikes in which it is used, for peace-of-mind protection no matter what you ride or how you ride.



- **Maximum Performance** – Modern bikes produce extreme horsepower and torque. AMSOIL synthetic motorcycle oil preserves the performance and power you paid for.
- **Consistent Shifting** – Ever blamed missed shifts on your bike? AMSOIL synthetic motorcycle oil promotes smooth, consistent shifting you may have never experienced.
- **Ride More** – Nobody enjoys breakdowns. AMSOIL synthetic motorcycle oil protects engine components so you can ride longer and farther, worry free.



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TEAM AMSOIL RACER KEN BRUNER LOOKS TO DEFEND UCC TITLE

AMSOIL is the Official Oil of the Ultimate Callout Challenge (UCC), a friendly annual competition between owners and builders of some of the biggest and gnarliest diesel-powered American hot rods. Competitors are required to complete three events: dyno, sled pull and drag race, with winners crowned in each event. Individual event scores are combined to determine an overall champion.



The winning turbodiesel truck at the 2024 AMSOIL Ultimate Callout Challenge (UCC) was built by Team AMSOIL racer Ken Bruner, a mechanical engineer who designs medical devices when he's not racing turbodiesel trucks with his company, Capital Diesel Performance.

Bruner claims his engineering background helps him understand how things work, but his experience comes from breaking stuff, evaluating why and fixing it. He puts an engineering touch on everything from suspension setup to center of mass, trying to anticipate what could happen, then designing things to not break. Attention to detail is obvious in every aspect of his builds.

Bruner's 2024 UCC-winning truck started as a 2006 Dodge* Ram* 2500, upgraded with a 6.7L Cummins* engine built by Freedom Racing Engines* with a solid Hamilton Cams* block, twin Garrett* G55 turbochargers and tuned by Ryan Milliken of Hardway Performance Solutions.* It's a high-performance engine with a highly modified 48RE transmission to transfer that power to the ground.

The winner of the AMSOIL Ultimate Callout Challenge is decided by combined scoring in three events: one-eighth mile drag time, maximum dyno horsepower and sled pull distance.

KEN BRUNER'S 2024 UCC CHAMPIONSHIP WINNING RESULTS:

1st-place drag: 5.29 seconds

2nd-place dyno: 2,832 horsepower using four stages of nitrous, starting at 3,200 rpm and ramping up to peak horsepower at 4,300 rpm with turbos spinning at 75,000 rpm. The dyno registered 3,120 pound-feet torque in competition.

1st-place sled pull: 317.81 feet. To prevent destroying the engine and tires, the truck was limited to output 1,600-hp to the wheels on the sled pull, running 5,500 rpm in second gear.

Ken Bruner ran the following AMSOIL products to keep his 2,800-hp turbodiesel running perfectly throughout the entire competition:

- AMSOIL DOMINATOR® 20W-50 Competition Diesel Oil
- AMSOIL SEVERE GEAR® 100% Synthetic Gear Lube
- AMSOIL Signature Series Multi-Vehicle 100% Synthetic Automatic Transmission Fluid

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