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TEAM AMSOIL



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Referral # **779**

Snowmobiles



SYNTHETIC
2-STROKE OIL

SYNTHETIC
4-STROKE OIL

ACCESSORY
PRODUCTS



Snowmobiles are meant to be ridden hard. Pushing a sled to wide-open throttle during all-day, aggressive riding, however, can result in engine wear and even reduced engine life if your oil isn't able to withstand this intense environment.

AMSOIL synthetic lubricants are designed in the lab, proven in the field and validated on the race course. They withstand the toughest operating conditions, delivering peace of mind that your sled is protected no matter how hard you ride.

- **Maximum** wear protection
- **Advanced** cold-temperature performance
- **Superior** deposit control
- **Excellent** for Polaris,* Ski-Doo* (E-TEC*), Arctic Cat* (C-TEC*), Yamaha* & more

*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.



Don't let the powersports manufacturers bully you into buying their brand of oil. You have the freedom to choose your brand of oil and keep your warranty intact.

To show our support for riders and to double-down on our confidence in our snowmobile oil, we offer the Runs on Freedom™ Limited Snowmobile Warranty.

It covers engine repairs for two years or 5,000 miles (8,000 km), whichever comes first, on current-model-year or newer sleds that use INTERCEPTOR® Synthetic 2-Stroke Oil exclusively.

Get details and register at AMSOIL.com/rofwarranty (AMSOIL.ca/rofwarranty in Canada).



AMSOIL Synthetic Chaincase & Gear Oil

Difficult access makes chaincase and gearcase service easy to overlook. AMSOIL Synthetic Chaincase & Gear Oil stays fluid in sub-zero cold to reduce drag and maximize power. Its extreme-pressure additives deliver long-lasting wear protection, even if service is delayed.

- **Long-lasting** wear protection
- **Maximizes** power to the ground
- **Recommended** for virtually all brands, including Arctic Cat* Diamond Drive* Gearcases



AMSOIL Suspension Fluid

- Controls friction & heat
- Limits shock fade and inconsistent dampening
- Light #5: Quick rebounds under extreme temperatures
- Medium #10: More dampening & slower rebounds

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AMSOIL Quickshot®

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



AMSOIL Synthetic Water-Resistant Grease

- **Resists** water washout
- **Fights** corrosion

AMSOIL Storage Products

AMSOIL Gasoline Stabilizer reduces the oxidation process in gasoline to help prevent harmful varnish and gum buildup, keeping fuel fresh up to 12 months.

AMSOIL Engine Fogging Oil resists rust formation during storage or long periods of inactivity, guarding against wear-causing dry starts.



How Does AMSOIL Synthetic Snowmobile Oil Stand Up?

Riders love to push their sleds hard. **And they love to push rental sleds even harder.**

That's why we tested AMSOIL INTERCEPTOR® Synthetic 2-Stroke Snowmobile Oil in this rental Polaris* Pro RMK* 850 ridden hard in the Canadian mountains.

An engine teardown following the season showed that INTERCEPTOR prevented piston-ring sticking, piston scuffing and exhaust-power-valve sticking for maximum engine performance and life.

AMSOIL FIGHTS WEAR

AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil delivered **outstanding wear protection and cleanliness** in a rental sled throughout 1,617 miles (2,602 km) of abuse.^{CC}



^{CC}Based upon use of a new 2019 Polaris* RMK* 850 as a rental sled at Grizzly Lodge December 2018 - February 2019. *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.



Watch the torture test video at [youtube.com/amsoilinc](https://www.youtube.com/amsoilinc) by searching "Grizzly Lodge."





INTERCEPTOR® Synthetic 2-Stroke Oil

A specialized oil for today's specialized engines

Two-stroke snowmobiles are meant to be ridden hard. Repeatedly pushing a machine to wide-open throttle during all-day, aggressive riding, however, takes its toll on the engine. INTERCEPTOR Synthetic 2-Stroke Oil is specifically designed for maximum performance in all makes of two-stroke snowmobiles, including Ski-Doo*, Polaris* and Arctic Cat*, helping enthusiasts spend more time riding and less performing maintenance. It is compatible with nearly all other two-stroke oils, while its low-smoke, low-odor properties help ensure riders won't be "smoked out." INTERCEPTOR is engineered to be pushed as hard as the sleds it protects.

Anti-Scuff/Anti-Wear

Snowmobile engines have evolved to run on leaner gas-to-oil mixtures, increasing harmful friction and heat. INTERCEPTOR's synthetic formulation incorporates high-molecular-weight components with high flash points that resist burn-off. As a result, a greater amount of oil survives the combustion process to provide lubrication and protection. Its excellent lubricity and film strength inhibit metal-to-metal contact. In a full season of real-world riding, INTERCEPTOR's anti-scuff/anti-wear formula completely prevented piston skirt scuffing (see reverse).

Excellent Deposit Control

INTERCEPTOR naturally resists harmful deposits due to its thermally stable synthetic formulation. It is additionally fortified with high-temperature detergency and dispersancy additives that provide excellent engine cleanliness. In field testing, INTERCEPTOR completely prevented piston ring and exhaust power valve sticking for maximum performance.

INTERCEPTOR Field Trial Results

During the winter of 2015/16, INTERCEPTOR was tested in the three top makes of snowmobiles. Each sled was added to the rental fleet of a different outfitter in the Eagle River, Wis., area and placed into service. Following the season, the sleds were disassembled and examined for wear. Results reveal INTERCEPTOR prevented piston ring sticking and piston scuffing, (see reverse) while the exhaust power valves contained no abnormal deposit buildup and did not stick.



- **Excellent** for all two-stroke snowmobiles
- **Prevents** piston ring & exhaust power valve sticking
- **Exceptional** cold-temperature fluidity (-69°F [-56°C] pour point)
- **Outstanding** performance in DFI engines
- **Protects** against wear
- **Low** smoke and odor
- **Helps** prevent plug fouling

Typical Technical Properties – AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil (AIT)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	6.4
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	29.9
Viscosity Index (ASTM D2270)	174
Pour Point, °C (°F) (ASTM D97)	-56 (-69)
Flash Point, °C (°F) (ASTM D92)	102 (216)
Fire Point, °C (°F) (ASTM D92)	102 (216)
SAE J1536 Fluidity/Miscibility Grade 4 Arctic Climate (17,000 cP max @ -40°C)	Pass
Engine Lubricity Test, mix ratio @ 150:1 (ASTM D4863)	Pass

APPLICATIONS

Use in all two-stroke snowmobiles, motorcycles, ATVs, PWCs and where API-TC and JASO FD oils are specified: Polaris* • BRP*/Ski-Doo* (Rotax* E-TEC* engines) • Arctic Cat* • Honda* • Yamaha* • Kawasaki* • Suzuki* • Direct-fuel-injected (DFI), electronic-fuel-injected (EFI) & carbureted engines

Use as injection oil or 50:1 premix (2.6 oz. per U.S. gallon of gas). INTERCEPTOR is compatible with most conventional and synthetic two-stroke oils; however, for best performance, mixing oils should be minimized.

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WARRANTY SECURE®

INTERCEPTOR Synthetic 2-Stroke Oil is Warranty Secure, keeping your factory warranty intact. INTERCEPTOR 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 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.

Three Top Snowmobile Brands One Exceptional Oil

Arctic Cat* ZR 6000
(2,000 miles)



Polaris* Indy 600
(1,116 miles)



Ski-Doo* MXZX 600 TNT
(1,327 miles)



• NO PISTON RING STICKING • NO PISTON SCUFFING



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



Len Groom | TECHNICAL PRODUCT MANAGER, POWERSPORTS

It's a great time to be a snowmobiler. Modern sleds deliver power, performance and efficiency not thought of back when I started riding. With each new model, original equipment manufacturers (OEMs) seem to push the limits of performance even further, allowing you to ride faster and push your sled harder, while using less gas and oil and producing fewer emissions.

This translates into an epic ride for you, but brutal operating conditions for your sled. In addition to having to protect a hotter, more powerful engine, today's direct-injection engines use less oil than older sleds to help curb emissions.

The Polaris® RMK® 850 is a prime example of the state of the industry. Its two-stroke engine can make nearly 170 horsepower. Think about that for a second. That's more power than some cars on the road today, like the entry-level 2021 Toyota® Corolla.*

This underscores the need to use a durable, high-quality oil that's proven to stand up to the punishment doled out by modern engines. For maximum engine performance and life, two-stroke oils should focus on three performance areas: **wear protection, exhaust power valve cleanliness** and **cold-flow properties**.

The intense heat and friction inside a snowmobile engine can overwhelm inferior oils, leading to piston scuffing and wear. Excellent lubricity – a term that refers to the oil's ability to reduce friction – is essential for maximum wear protection.

High heat and increased power can also cause deposit formation on exhaust power valves, which can lead to stick-

ing. The power valves automatically open or close based on operating conditions to increase throttle response at low rpm while maximizing top-end power. They expand the sled's powerband, delivering a better experience for the rider. But their location in the exhaust port exposes them to hot gases, which can lead to deposits that cause them to stick, reducing performance.

To top it off, today's snowmobile engines direct less oil to critical components, through narrower passages, for longer distances. Oils that don't remain fluid in sub-zero cold can fail to reach components at startup, promoting wear.

We formulated AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil (AIT) with today's sleds in mind. It remains fluid down to -69°F (-56°C) to ensure oil reaches critical components in the coldest weather, keeping your engine protected.

The oil also delivers exceptional wear protection and exhaust-power-valve performance. To demonstrate, we tested INTERCEPTOR in a 2019 Polaris RMK 850 used in a rental fleet in the Canadian Rockies. The sled was flat-out abused, with riders pinning the throttle through deep powder day after day for an entire riding season. Afterward, we disassembled the engine and, as the images show, the piston contained virtu-

Advanced sleds need advanced oil.

A two-stroke oil must excel in three key areas to protect today's powerful snowmobiles.

AMSOIL Fights Wear

AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil delivered **outstanding wear protection and cleanliness** in a rental sled throughout 1,617 miles (2,602 km) of abuse.^{CC}



^{CC}Based upon use of a new 2019 Polaris® RMK® 850 as a rental sled at Grizzly Lodge December 2018 - February 2019. *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.

ally no scuffing and the power valves were in great shape and did not stick.

In all three critical areas, INTERCEPTOR delivers the level of performance you need to get maximum performance and life from your sled. We're so confident in its performance, we back the product with our Runs on Freedom™ Limited Snowmobile Warranty, which covers repairs to qualifying parts in new, current-model-year and newer sleds that use INTERCEPTOR exclusively for up to two years or 5,000 miles (8,000 km). Check out AMSOIL.com/rof warranty (AMSOIL.ca/rof warranty in Canada) for details.

We have a great oil with a great warranty to match for today's sleds. Make sure your customers know about them this winter.

AMSOIL PROTECTS YOUR SLED AND SUPPORTS YOUR FREEDOM

Many snowmobilers are afraid of losing their factory warranty should they deviate from the original equipment manufacturer (OEM)-recommended oil. Some snowmobile OEMs take advantage by trying to pressure customers into buying the OEM brand of lubricants. We've seen forms that riders are asked to sign saying they agree to use the OEM oil or risk losing their factory warranty.

Illegal scare tactics

The fact is, tying use of an OEM lubricant to the factory warranty is illegal. The federal Magnuson-Moss Warranty Act protects U.S. enthusiasts' freedom to choose the brand of parts and lubricants you think is best. Similar consumer-protection laws exist in Canada.

It is illegal to tie warranty coverage to whichever brand of parts or lubricants you use. What's more, manufacturers can't deny warranty coverage without showing the aftermarket part or lubricant caused a failure.

Additional support for riders

We're amping up our support for riders who use AMSOIL snowmobile products with a powerful new warranty to help alleviate fears you might have over deviating from the OEM oil.

The new AMSOIL Runs on Freedom™ Limited Snowmobile Warranty covers engine repairs for two years or 5,000 miles (8,000 km), whichever comes first, on current-model-year or newer two-stroke sleds that use AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil (AIT) exclusively.

This is a new-to-market warranty no other aftermarket snowmobile lubricant manufacturer offers. We're so confident in our products, we'll cover any repair to an oil-lubricated engine part in the unlikely event of an engine failure. This warranty offers peace of mind and

eliminates the final hurdle stopping some riders from using AMSOIL snowmobile oil.

View the limited-warranty terms and conditions at AMSOIL.com/rofwarranty (AMSOIL.ca/rofwarranty in Canada).

What about the standard AMSOIL Limited Liability Warranty?

You may be wondering how this warranty differs from our standard Limited Liability Warranty. The Runs on Freedom Limited Snowmobile Warranty is meant to be as simple as possible. Our Limited Liability Warranty is excellent, but riders have to submit oil samples and parts to ensure the oil caused a problem. While that's standard industry practice, most people view it as a hassle.

In contrast, this is a no-fault warranty. Riders don't have to send oil samples or parts. And they don't have to attempt to prove the oil failed. As long as they're a registered participant and meet the requirements, we'll cover any repair to an oil-lubricated engine part. Period.



As good as, or better, than OEM warranties

Our Runs on Freedom Limited Snowmobile Warranty offers a strong competitive choice compared to OEM warranties, and we offer a generous sign-up period of 18 months.

To find out if your sled qualifies, check out the FAQ on the facing page or visit AMSOIL.com/rofwarranty (AMSOIL.ca/rofwarranty in Canada).

Our warranty is as good as, **and in some cases better**, than original equipment manufacturer (OEM) snowmobile warranties.



RUNS ON FREEDOM™ LIMITED SNOWMOBILE WARRANTY

Use AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil exclusively in your current-model-year or newer sled and we'll cover engine repairs in the unlikely event of any engine breakdown for up to two years/5,000 miles/8,000 km.

Visit AMSOIL.com/rofwarranty (AMSOIL.ca/rofwarranty in Canada) to register or view full terms and conditions.

Find out if your sled qualifies by reading the FAQ below.

RUNS ON FREEDOM LIMITED SNOWMOBILE WARRANTY FAQ

Who's eligible?

The AMSOIL Runs on Freedom Limited Snowmobile Warranty is available to enthusiasts who purchase a current-model-year or newer two-stroke snowmobile directly from an authorized dealership. Pre-owned snowmobiles and dealership hold-overs do not qualify.

What parts does the warranty cover?

Cylinder, cylinder head, crankcase, exhaust power valves, pistons, rings, wrist pins, oil seals, connecting rods, crankshaft and bearings.

What parts does the warranty NOT cover?

Oil pump, non-lubricated parts, including (not limited to) battery, battery cables, coolant, spark plugs, plug wires, secondary drive chain and sprockets, primary or secondary drive belts and sprockets/pulleys, clutch belts, rubber or other-material-composition hoses, exhaust pipes, exhaust-gas-oxygen sensors, emission components, rubber moldings, glass, metal, chrome plating, or plastic trim, lenses or upholstery, brake pads, fuel-delivery system including carburetor and fuel injectors, fuel pump and all suspension components.

What is the warranty duration?

Two years from the date the rider takes physical delivery of the snowmobile or 5,000 miles (8,000 km), whichever comes first.

Do I have to sign up for the warranty immediately after buying my snowmobile?

No. Although the warranty period lasts no more than two years from the date of taking physical delivery of the snowmobile, we're allowing up to 18 months from the date of taking physical delivery of the snowmobile to enroll in the warranty, which would leave you with 6 months of warranty coverage.

Do I need to use AMSOIL INTERCEPTOR Synthetic 2-Stroke Oil throughout the warranty term?

Yes. AMSOIL INTERCEPTOR must be used for the duration of warranty coverage.

Do other AMSOIL synthetic snowmobile oils qualify for the warranty?

No. AMSOIL INTERCEPTOR Synthetic 2-Stroke Oil is the only qualifying oil.

How do I file a warranty claim?

Obtain a copy of the repair estimate from the authorized original equipment manufacturer (OEM) dealership that performed the engine diagnostics and send it to AMSOIL INC. at rofwarranty@amsoil.com.

How do I register for the Runs on Freedom Limited Snowmobile Warranty?

Complete the registration form at AMSOIL.com/rofwarranty (AMSOIL.ca/rofwarranty in Canada) and we'll contact you to confirm eligibility.

How does the Runs on Freedom Limited Snowmobile Warranty differ from the AMSOIL Limited Liability Warranty?

The Runs on Freedom Limited Snowmobile Warranty is a no-fault warranty. Eligible riders are not required to submit oil samples or prove the oil caused an engine failure. They simply have to be registered and confirmed as using AMSOIL INTERCEPTOR Synthetic 2-Stroke Oil exclusively and we'll pay for any repair to an oil-lubricated engine part. It's designed to be as simple as possible to help eliminate any hurdles new-sled owners have to using AMSOIL.



DOMINATOR® Synthetic 2-Stroke Racing Oil

Racers can't win what they don't finish. That's why AMSOIL formulators built DOMINATOR® 2-Stroke Racing Oil. This complex blend of oils and additives directly addresses the heat, pressure and friction of race-engineered engines. These engines operate on the edge, yet engine reliability is critical. DOMINATOR does an outstanding job protecting high-performance engines. It adds durability that professional racing teams depend on and delivers confidence so engines can be pushed to the limit.

Excellent Lubricity and Film Strength

High-performance and race-designed two-stroke engines operate under severe conditions. They are modified for higher compression ratios, higher rpm and leaner combustion, all of which increase heat and pressure. High heat can quickly burn off light oils and cause rapid piston expansion, decreasing piston-to-cylinder wall clearances and increasing the likelihood of piston scuffing and seizure. High pressure can exceed the film strength of low-viscosity oils, which promotes crankshaft bearing wear and pitting.

DOMINATOR is purpose-built for outstanding film strength and lubricity. It is engineered with carefully selected, higher-viscosity synthetic base oils to withstand the high heat and pressure common to high-performance and racing applications. DOMINATOR's anti-friction chemistry is race-proven to provide an extra measure of protection against piston scuffing and bearing wear.

Outstanding Cleanliness

The oil and fuel burned in the two-stroke combustion process leave destructive deposits on the pistons, rings and in the combustion chamber. Excessive deposits can lead to catastrophic engine problems, including ring sticking, exhaust port blocking and pre-ignition.

AMSOIL DOMINATOR is formulated with clean-burning synthetic base oils and powerful high-temperature detergent additives for exceptional deposit control. It helps prevent the power-robbing carbon deposits that cause ring sticking, exhaust port blocking and pre-ignition. AMSOIL DOMINATOR is optimized for severe service.



Race-Proven Benefits

- **Excellent** film strength for high-heat, high-rpm motors
- **Anti-friction** formula for maximum power
- **Burns clean**; helps prevent ring sticking and plug fouling
- **Protects** coated and non-coated racing pistons

TYPICAL TECHNICAL PROPERTIES

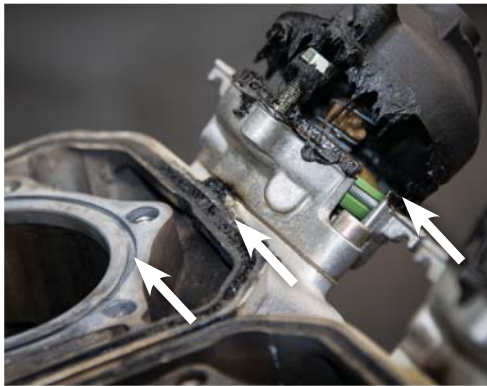
DOMINATOR® Synthetic 2-Stroke Racing Oil (TDR)

Kinematic Viscosity @ 100°C, cSt (ASTM D445) 7.0
Kinematic Viscosity @ 40°C, cSt (ASTM D445) 35.2
Viscosity Index (ASTM D2270) 166

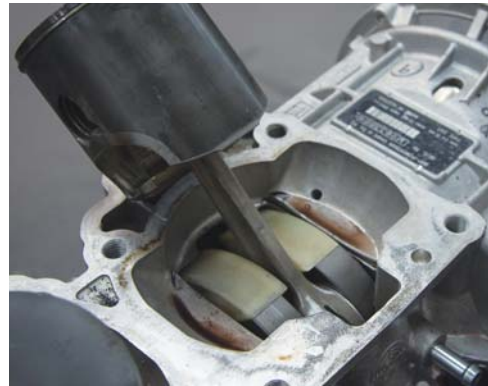
Pour Point °C (°F) (ASTM D97) -54 (-65)
Flash Point °C (°F) (ASTM D92) 94 (201)
Fire Point °C (°F) (ASTM D92) 94 (201)

RACING IS RESEARCH™

During the opening weekend of the 2015/16 AMSOIL Championship Snocross season, professional rider Lincoln Lemieux's Ski-Doo® RS600 suffered a broken hose clamp, allowing the coolant to pump from the system. The intense heat that resulted melted the exhaust power valve covers, O-rings and engine gaskets. DOMINATOR Synthetic 2-Stroke Racing Oil, however, delivered exceptional protection despite the severe conditions. The rings and pistons were still free and the crankshaft turned freely. Scheuring Speed Sports is able to reuse the engine after repairing the melted parts, providing concrete testimony of DOMINATOR's superior performance.



Melted gaskets and exhaust power valve cover



The pistons suffered only minor scuffing.

APPLICATIONS

Use in high-performance stock or modified two-stroke engines, including air- or liquid-cooled snowmobiles, personal watercraft, motorstrokes (moto X), ATVs, go-carts and outboard motors**. Good for use with coated or non-coated pistons, high-octane racing fuels and exhaust power valves. Compatible with most other two-stroke oils; however, mixing oils should be minimized.

Use in oil-injected and pre-mix applications that require API TC oils. In pre-mix applications, DOMINATOR delivers outstanding protection at 50:1 (2.6 oz. oil per U.S. gallon of gas), although many racers modify the mix ratio to suit their setup. Not suitable for use with alcohol or nitro-methane fuels.

WARRANTY SECURE®

DOMINATOR Synthetic 2-Stroke Racing Oil is Warranty Secure, keeping your factory warranty intact. DOMINATOR Synthetic 2-Stroke Racing 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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**Not suitable for long-term use in outboard motors as a TC-W3-type oil, although excellent as a race oil for short-term use where motors are periodically inspected.



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



The First in Synthetics®

AMSOIL Synthetic 2-Stroke Injector Oil

Strenuous conditions define the normal operating environments of snowmobiles and boats. Without the right lubrication, two-stroke snowmobile engines and outboard motors run hotter, accumulate deposits and suffer a reduction in performance. AMSOIL Synthetic 2-Stroke Injector Oil offers the convenience of one formula for the tough conditions of all two-stroke recreational equipment. It is tested and proven to minimize wear and deposits that can damage internal components. AMSOIL Synthetic 2-Stroke Injector Oil provides quality and affordability for cost-conscious enthusiasts who want the benefits of synthetic two-stroke oil.

Wear Protection

AMSOIL Synthetic 2-Stroke Injector Oil reduces wear and maximizes engine life. Its high lubricity and reliable film strength help protect against piston scuffing and bearing wear.

Engine Cleanliness

AMSOIL Injector Oil is clean burning. It is fortified with high-temperature detergent and dispersant additives and naturally resists harmful deposits that cause ring-sticking, ring-jacking and exhaust power valve sticking. AMSOIL Injector Oil is ideal for direct-injection outboard motors, snowmobiles and personal watercraft (PWC).

Cold-Temperature Performance

AMSOIL Injector Oil provides cold-temperature fluidity with a pour point lower than -60°F. Rapid oil flow on cold starts ensures oil reaches vital components quickly and helps prevent damaging dry starts.



- **Ideal** for outboard motors and snowmobiles
- **Protects** against rust and wear
- **Controls** deposits
- **<-60°F** pour point

Typical Technical Properties – AMSOIL Synthetic 2-Stroke Injector Oil (AIO)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	6.9
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	35.3
Viscosity Index (ASTM D2270)	161
Pour Point, °C (°F) (ASTM D97)	< -53 (-63)
Flash Point, °C (°F) (ASTM D92)	88 (191)
Fire Point, °C (°F) (ASTM D92)	88 (191)
SAE J1536 Fluidity/Miscibility Grade 4 Arctic Climate (17,000 cP max @ -40°C)	Pass

APPLICATIONS

Use in two-stroke outboard motors and snowmobiles that require API TC or TC-W3 two-stroke oil, including those made by BRP*/Evinrude*/Johnson*/Ski-Doo*, Polaris*, Mercury*, Arctic Cat*, Yamaha*, Suzuki*, Kawasaki*, Mariner* and Force*.

Use as injection oil or 50:1 pre-mix (2.6 oz. per U.S. gallon of gas).

For Evinrude factory-lean setting, use AMSOIL HP Marine™ Synthetic 2-Stroke Oil.

COMPATIBILITY

AMSOIL Synthetic 2-Stroke Injector Oil is compatible with most conventional and synthetic two-stroke oils; however, for best performance, mixing oils should be minimized.

WARRANTY SECURE®

AMSOIL Synthetic 2-Stroke Injector Oil is Warranty Secure, keeping your factory warranty intact. AMSOIL Injector Oil 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 AND 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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Formula 4-Stroke[®] Power Sports 0W-40 Synthetic Motor Oil

Formulated for Top ATV/UTV and Snowmobile Performance

AMSOIL Formula 4-Stroke Power Sports Synthetic Motor Oil is specially formulated for ATVs, UTVs, snowmobiles and other powersports applications. Its broad viscosity range and wax-free formulation make it excellent for use in both hot and cold temperature extremes. As an SAE 40-weight motor oil, AMSOIL Formula 4-Stroke Power Sports Oil provides outstanding protection for hot-operating engines, while its 0W rating and -58°F pour point ensure easy cranking, excellent cold-weather starting and quick post-startup protection. Formula 4-Stroke Power Sports Oil is an extreme-temperature lubricant that provides outstanding performance in high-performance, recreational or work/utility engines.

Resists Heat and Thermal Breakdown

AMSOIL engineered Formula 4-Stroke Power Sports Synthetic Motor Oil to withstand the high temperatures of recreational engines. It effectively resists oxidation and oil vaporization to help prevent carbon/varnish formation, control oil consumption and minimize exhaust emissions. It also controls oil thickening, promoting improved fuel economy, and it helps keep engines clean for peak operating efficiency.

Excellent For Transmissions

AMSOIL Formula 4-Stroke Power Sports Oil is wet-clutch compatible and contains no friction modifiers, making it ideal for both two- and four-stroke ATV transmissions. The friction-modifier-free formulation is designed to prevent clutch slippage, helping deliver maximum torque and power to the wheels – a critical feature for towing or high-horsepower engines. It meets the frictional requirements of JASO MA/MA2 and ISO-L-EMA2.

Superior Wear Protection

AMSOIL Formula 4-Stroke Power Sports Oil is formulated with high levels of anti-wear additives that provide excellent protection for pistons, bearings and gears in transmission-containing units. Its shear-stable, SAE 40 viscosity delivers a thick lubricating film for an extra margin of protection in hard-working engines.

Anti-Foam

Churning occurs in high-rpm engines that can cause oil to foam, depleting its lubricating abilities and increasing heat and wear. AMSOIL Formula 4-Stroke Power Sports Oil controls foam, promoting cooler engine operation and reduced wear.

Special Additives

AMSOIL Formula 4-Stroke Power Sports Synthetic Motor Oil contains robust dispersant/detergent additives that effectively neutralize the high levels of acids and combustion by-products prone to small engines. It is anti-rust fortified for superior rust prevention, which is especially important in seasonally or infrequently used powersports equipment.



- **Quick** startup protection
- **Helps** prevent carbon/varnish formation
- **Easy** cold-weather starts

TYPICAL TECHNICAL PROPERTIES

AMSOIL Formula 4-Stroke® Power Sports Synthetic Motor Oil (AFF)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	14.8
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	87.0
Viscosity Index (ASTM D2270)	179
CCS Viscosity @ -35°C, cP (ASTM D5293)	5805
Flash Point °C (°F) (ASTM D92)	234 (453)
Pour Point °C (°F) (ASTM D97)	-50 (-58)
NOACK Volatility, % weight loss (g/100g) (ASTM D5800)	7.8
Four-Ball Wear Test (ASTM D4172B: 40 kg, 75°C, 1200 rpm, 1 hr.), Scar, mm	0.36
Total Base Number	9.1

APPLICATIONS AND RECOMMENDATIONS

Use in four-stroke ATV, UTV, snowmobile and other powersports engines and in transmissions found in two- or four-stroke applications that require a 0W-30, 0W-40, 5W-30, 10W-30 or 10W-40 oil recommended for any of the specifications below, including those made by Polaris*, Honda*, Yamaha*, Ski-Doo*, Can-Am* (Bombadier*), Suzuki*, Kawasaki* and Arctic Cat*.

- API SL/CF, SJ, SH, SG
- JASO MA/MA2
- ISO-L-EMA2

COMPATIBILITY

AMSOIL Formula 4-Stroke Power Sports Synthetic Motor Oil is compatible with other synthetic and conventional motor oils. Mixing AMSOIL motor oil 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 motor oils.

SERVICE LIFE

Follow the equipment manufacturer's recommended drain interval.

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 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.

*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. All products advertised here are developed by AMSOIL for use in the applications shown.



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



Synthetic Chaincase & Gear Oil

Long-Lasting Performance for ATVs and Snowmobiles

AMSOIL Synthetic Chaincase & Gear Oil provides superior protection and performance for enclosed chains and gears found in snowmobiles, ATVs and general equipment. Formulated with extreme-pressure additives, it helps extend chain and gear life through increased wear protection. AMSOIL Synthetic Chaincase & Gear Oil repels water, while also inhibiting rust, oxidation and foam. Its low pour point ensures superior low-temperature starting, reducing drag to deliver maximum power.

Designed Specifically for Chaincases & Gearcases

To reduce initial costs, some enthusiasts use automatic transmission fluid or gear lube in their snowmobile and ATV chaincases and gearcases. Neither fluid, however, is engineered for these applications. Automatic transmission fluid is a hydraulic fluid formulated without the extreme-pressure additives needed to provide enhanced wear protection, leaving gears and chains vulnerable to premature failure. Automotive gear lube is designed to lubricate hypoid gears and is too thick for proper chain and gear lubrication in powersports applications, impairing circulation and leading to wear and decreased energy efficiency.

AMSOIL Synthetic Chaincase & Gear Oil is specifically engineered to meet the demands of enclosed chaincases and gearcases, providing extreme-pressure protection and low-temperature fluidity for superior performance and protection.

Long-Lasting Protection

AMSOIL Synthetic Chaincase & Gear Oil is a 100 percent synthetic formulation that resists shear and chemical breakdown better than conventional fluids. Its superior base oils and additives provide long-lasting protection.



- **Extreme-pressure** additives promote long chain and gear life
- **Inhibits** rust & oxidation
- **Low-temperature** fluidity ensures maximum energy efficiency
- **Lasts** longer than conventional oils
- **Engineered** for use in Arctic Cat* Diamond Drive* gearcases



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Typical Technical Properties – Synthetic Chaincase & Gear Oil (TCC)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	10.3
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	68.6
Viscosity Index (ASTM D2270)	136
Flash Point, °C (°F) (ASTM D92)	236 (457)
Fire Point, °C (°F) (ASTM D92)	260 (500)
Pour Point, °C (°F) (ASTM D97)	-46 (-51)
NOACK Volatility, % weight loss (g/100g) (ASTM D5800)	5.1
Four-Ball Wear Test (ASTM D4172B @ 40 kg, 75°C, 1200 rpm, 1 hr), Scar, mm	0.39

APPLICATIONS

AMSOIL recommends Synthetic Chaincase & Gear Oil as a replacement for the following ATV and snowmobile original equipment manufacturer (OEM) fluids:

Arctic Cat* ██████████
Chain Lube #4639-363

Bombardier*/Ski-Doo*/Can-Am* ██████████
XP-S Mineral Chaincase Oil #415129500
XP-S Synthetic Chaincase Oil #293600138

Polaris* ██████████
SCL Chaincase Lubricant #2872952
#2873105
#2873106

Yamaha* ██████████
Snowmobile Chaincase Lube #ACC-CHNCS-FS-08

SERVICE LIFE

Recommended for the drain intervals established by the OEM.

COMPATIBILITY

AMSOIL Synthetic Chaincase & Gear Oil is compatible with conventional and synthetic chaincase oils. Mixing AMSOIL Synthetic Chaincase & Gear Oil with other oils, however, will reduce its performance benefits.

AMSOIL PRODUCT WARRANTY

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

HEALTH & SAFETY

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Synthetic Water-Resistant Grease

Superior Lubrication and Protection in Automotive, Powersports and Industrial Applications With Extensive Exposure to Water

AMSOIL Synthetic Water-Resistant Grease is an extreme-pressure grease formulated specially for wet-duty performance. Composed of premium-quality synthetic base oils and calcium-sulfonate complex thickeners, Water-Resistant Grease provides exceptional film strength, shear resistance, adhesion properties and mechanical stability. Its water-washout and sprayoff resistance are outstanding for applications frequently exposed to water, mud, snow or ice, including ATVs, UTVs, snowmobiles and boat trailers.

Water-Washout and Sprayoff Protection

The superior wet-duty performance of AMSOIL Synthetic Water-Resistant Grease is formulated with extra durable cohesive and adhesive chemistry. It holds together when exposed to water and clings tenaciously to metal surfaces when wet, protecting components during prolonged exposure to standing or pressurized water.

Corrosion Protection

Frequent or prolonged water contact can increase corrosion, resulting in damage to metal surfaces and compromised components. Water-Resistant Grease seals metal surfaces and chemically fights corrosion, making it ideal for applications with extensive exposure to water, mud, snow or ice.

Load-Carrying and Extreme-Pressure Performance

Water-Resistant Grease protects components from metal-to-metal contact even under heavy loads. Its extreme-pressure additives protect against sustained or sudden extreme loads for dependable protection against wear.

Application Recommendation

AMSOIL Synthetic Water-Resistant Grease meets the highest performance standards set by the National Lubrication Grease Institute (NLGI) for wheel bearing applications (GC) and chassis applications (LB). It may be used in automotive wheel bearings, chassis or other applications for which an NLGI #2 GC or LB grease is recommended.



NLGI #2
GC-LB

TYPICAL TECHNICAL PROPERTIES

Synthetic Water-Resistant Grease (GWR)

	GWR	NLGI GC-LB Requirements
Thickener.....	Calcium-Sulfonate Complex	NR*
NLGI Consistency Grade.....	2	NR*
NLGI Performance Grade.....	GC-LB	GC-LB
Penetration (ASTM D217) (25°C [77°F], 0.1 mm) worked 60 strokes.....	277	220-340 min
Operating Range °F (°C).....	-40 to 350 (-40 to 177)	NR*
Dropping Point °F (°C) (ASTM D2265).....	>500 (>260)	428 (220) min
High-Temperature Life, hours (ASTM D3527).....	115	80 min
Water Washout, % (ASTM D1264).....	1.25	15 max
Rust and Corrosion (ASTM D1743).....	Pass	Pass
Oil Separation, % (ASTM D1742) (24 hours, 25°C [77°F]).....	0	6.0 max
Leakage, g lost (ASTM D4290).....	4.2	10 max
Four-Ball Wear Test, mm scar (ASTM D2266).....	0.42	0.60 max
Fretting Wear, mg (ASTM D4170).....	2.5	10 max
Four-Ball EP, kgf (ASTM D2596) Weld Point.....	500	200 min
Load Wear Index.....	70	30 min
Timken OK Load Test, lbs (ASTM D2509).....	70	NR*
Low-Temperature Torque, N•m (ASTM D4693) (-40°C [-40°F]).....	6.8	15.5 max
Oil Viscosity 40°C (104°F), cSt.....	165	NR*
Color.....	Blue	NR*
Texture.....	Smooth with Tack	NR*

*NR: not required for NLGI GC-LB labeling

APPLICATION MAINTENANCE

Maintaining a clean work environment is important when equipment greasing is performed. Wipe grease fittings clean prior to injecting grease to prevent contaminant ingestion. Maintain bearing housings one-third to one-half full of grease. Do not over-grease, as excessive heat buildup can result. Supplement standard grease maintenance by cleaning and packing housings with fresh grease on an established maintenance schedule.

PRODUCT AVAILABILITY

AMSOIL Synthetic Water-Resistant Grease is available in 3-oz. cartridges, 14-oz. cartridges, 35-lb. lugs and 120-lb. kegs.

COMPATIBILITY

AMSOIL Synthetic Water-Resistant Grease is compatible with many other types of greases. However, it is recommended that, when changing greases, the equipment be cleaned of the old grease when possible or flushed with a liberal amount of Water-Resistant Grease while the mechanism is in operation. Closely monitor the system for any inconsistencies. Grease compatibility questions should be referred to your AMSOIL representative or AMSOIL INC.

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



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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

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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. ▼

Referral # _____



Gasoline Stabilizer

Formulated to Resist Gasoline Breakdown

For maximum convenience and cost-effectiveness, equipment and vehicles used seasonally, such as motorcycles, snowmobiles, personal watercraft, snowblowers, outboard motors and classic cars, need to start easily and run properly when removed from storage. Gasoline, however, is not formulated for long-term storage and can start to degrade in as little as 30 days. Degraded fuel leads to varnish and sludge that clog injectors, fuel lines and carburetors; stick floats; and cause poor engine performance, starting problems, increased maintenance expenses and decreased equipment life.

AMSOIL Gasoline Stabilizer inhibits the oxidation process that occurs when fuel is stored for extended periods, improving performance, extending equipment life and decreasing maintenance expenses.

Delivers Confidence

Treating fuel with AMSOIL Gasoline Stabilizer prior to storing equipment provides confidence. It offers peace of mind that equipment will not only start when it is needed, but will also perform properly.

Eliminates Need to Drain Fuel

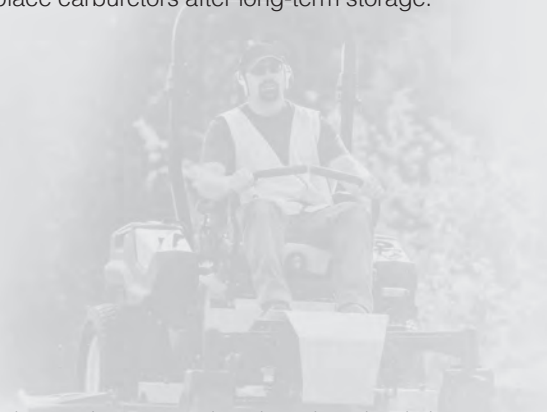
Draining fuel from equipment can not only be difficult, it invites corrosion on the bare metal in the tank and drying and cracking of gaskets and seals. Some fuels are pre-treated with oxidation inhibitors that allow them to be stored for short periods without forming excessive deposits, while other fuels have no inhibitors at all. AMSOIL Gasoline Stabilizer eliminates the need to drain fuel from equipment before long-term storage. It fights fuel deterioration, severely limiting the formation of damaging varnish and deposits to help extend equipment life.

Decreases Maintenance

Deposits, varnish and sludge that form from degraded fuel can cause important components in the fuel system to become clogged or stuck and require thorough cleaning or replacement. AMSOIL Gasoline Stabilizer helps reduce maintenance time and costs by preventing harmful deposits from forming in the tank and fuel system, eliminating the need to clean or replace carburetors after long-term storage.



- **Helps** keep fuel from deteriorating
- **Protects** against varnish and gum buildup
- **Fights** ethanol corrosion



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APPLICATIONS

Use AMSOIL Gasoline Stabilizer in motorcycles, snowmobiles, ATVs, UTVs, outboard motors, stern-drive and inboard marine engines, personal watercraft, lawn equipment, chainsaws, snowblowers, portable generators, handheld power equipment, motor scooters, powered farm equipment, powered construction equipment, cars and trucks.

DOSAGE RECOMMENDATION

One ounce of AMSOIL Gasoline Stabilizer treats 2.5 gallons of fuel, including fuel that contains up to 10 percent ethanol.

Before storing equipment, treat it with the appropriate dose of AMSOIL Gasoline Stabilizer. Let the engine run for five to 10 minutes to thoroughly circulate the additive through the fuel system. Stop the engine and store the equipment in a dry, covered location.

AMSOIL PRODUCT WARRANTY

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

HEALTH & SAFETY

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Engine Fogging Oil

Protection for Stored Seasonal Equipment

Two- and four-stroke recreational vehicles, hand-held power equipment, small engines, construction equipment and farm equipment are commonly operated seasonally or infrequently, then stored for long periods of time. During these periods of inactivity, and as a result of fluctuations in ambient temperatures, water vapor can form condensate within the engine. When this condensate comes into direct contact with steel and iron components, it forms surface corrosion on cylinder liners, piston rings, anti-friction bearings and steel/iron contact surfaces on rotational seals. Long periods of storage can also dry out cylinders, often resulting in permanent damage when the equipment is taken out of storage and dry-started.

Most two- and four-stroke motor oils are formulated to have an affinity to engine component surfaces, acting as a barrier that keeps condensate from contacting engine components and forming corrosion. However, the effectiveness of motor oil in this area diminishes with time.

Engine Fogging Oil (FOG) offers superior film retention, providing long-term protection against corrosion and dry starts, extending engine life and reducing operating expenses. Its aerosol spray formulation offers easy and clean applications while reaching more components and offering complete distribution of the oil, something especially beneficial in applications with horizontal cylinder orientation, such as outboard motors. Consult equipment owners manual for application directions.

APPLICATIONS

Engine Fogging Oil applications include, but are not limited to, motorcycles, snow-mobiles, ATVs, outboard motors, stern drive and inboard marine engines, personal watercraft, lawn equipment, chainsaws, snowblowers, portable generators, hand-held power equipment, motor scooters, powered farm equipment, powered construction equipment, cars and trucks.

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AMSOIL PRODUCT AVAILABILITY

AMSOIL Engine Fogging Oil is available in 12-ounce spray cans.

AMSOIL PRODUCT WARRANTY

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

Disposal

Your area may have different disposal requirements for aerosols than other waste. Dispose of contents/container in accordance with all federal, state/provincial and local regulations.

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

Referral # **779**

Vaughn Enterprises, Inc.

Call Greg Vaughn at **1-800-581-5823**

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