

AMSOIL[®]

► PREFERRED CUSTOMER EDITION

MAGAZINE

SUMMER 2020



Why Your Marine Lower Unit Needs Regular Service | PAGE 6



Five Reasons to Use Motorcycle Oil in Your Bike | PAGE 4



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From the President

I am writing this as most people in the U.S. and Canada are under quarantine, either by choice or by order of the government, due to the COVID-19 pandemic. This is an unprecedented event – at least in the last century – and many people are grappling with the uncertainty of how it will play out. The potential health and economic effects of the pandemic are frightening, for sure, but there are silver linings. Most people don't have as much time for one another during our busy everyday lives. Quarantining at home has provided many families with additional time together.

It's also been useful for catching up on chores around the house. There has been ample time to perform the spring shuffle – summarize the snowmobiles and snowblowers and get them into storage, and get the lawn mowers, dirt bikes and boat ready for use this summer.

All of us are not quarantined, however. AMSOIL is fully operational at all locations and ready to serve you. Several states where AMSOIL operates facilities have issued shelter-in-place orders. In each instance, AMSOIL has been identified as an essential business and encouraged to remain open.

AMSOIL is an essential supplier to critical manufacturing sectors as defined by the Cybersecurity and Infrastructure Security Agency (CISA). Plus, our products are relied upon

by utility companies, hospitals, first responders and other vital businesses and industries. These important customers are depending on us to meet their lubricant needs during these challenging times. As a result, we are also ready and able to serve you as well.

We have taken great precautionary measures to ensure the safety of our team. All AMSOIL employees who are able to work from home are now doing so, and those who must be on site have ample space to practice social distancing. We do not anticipate any disruption to our ability to take or ship orders.

In times of crisis, it's helpful to channel your energy toward something positive. Focusing on routine, tackling long-neglected tasks and bonding with family are all excellent distractions from the fear and heartache taking hold of so many. However you've spent this time of uncertainty, I hope you've been able to find a silver lining, and that you and your family remain safe and healthy.

Alan Amatzio
President & CEO

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PREFERRED CUSTOMER EDITION

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THE COVER

Professional angler Pete Maina is well-known as a guide, author, TV personality and one of the world's top muskie fishermen. Maina is also a professional photographer whose work has appeared on the covers of several outdoors publications.

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FIVE REASONS TO USE MOTORCYCLE OIL IN YOUR BIKE

Fewer than 60 percent of bikers use a motorcycle-specific oil in their motorcycles, but more than three-quarters *think* they're using a motorcycle oil. Clearly there's confusion in the market that requires clarification. Here, we explain why you should always make sure you're using motorcycle oil in a motorcycle engine.

1) Motorcycles run hotter

In general, automotive engines are water-cooled. A typical automotive engine can reach 235°F (113°C) during operation, which is plenty hot. Motorcycles, however, run even hotter, particularly big, air-cooled V-twins, like your average Harley-Davidson.* They rely on air flowing across the engine for cooling, which is inherently less efficient at dissipating heat. This configuration poses additional challenges in stop-and-go traffic when there's little airflow, particularly on hot summer days. In fact, testing of a 2012 Harley Street Bob* in our mechanical lab demonstrated an **average cylinder-head temp of 383°F (195°C)**.



Heat that intense causes some oils to thin and lose viscosity, which reduces wear protection. High heat also hastens chemical breakdown of the oil (called *oxidation*), which requires you to change oil more often. In extreme cases, the bike's temperature sensors can shut down the engine if it gets too hot.

2) High rpm destroys lesser oils

Motorcycles tend to operate at engine speeds significantly higher than automobiles. Your average metric sport bike easily eclipses 10,000 rpm. Some have even **pushed 20,000 rpm**. Your car or truck's redline doesn't even come close.



High rpm places additional stress on engine components, increasing the need for wear protection. It subjects oils to higher loading and shearing forces, which can rupture the lubricant film and reduce viscosity, both of which increase wear. High rpm also increases the likelihood of foaming, which can reduce an oil's load-carrying ability, further inviting wear.

3) Increased power density = increased stress

Motorcycle engines produce more horsepower per cubic inch than automobiles. They also tend to operate with higher compression ratios. Increased power density and compression lead to higher engine temperatures and increased stress. This places greater demands on motorcycle oil to fight wear, deposits and chemical breakdown.



4) Must also protect transmission

Many motorcycles have a common sump supplying oil to both the engine and transmission. In such cases, the oil is required to meet the needs of both the engine and the transmission gears. Transmission gears can shear the oil as it's squeezed between gear teeth repeatedly at elevated rpm, causing some oils to lose viscosity. Many motorcycles also incorporate a wet clutch within the transmission that uses the same oil. Motorcycle wet clutches require a properly formulated lubricant that meets JASO MA or MA2 frictional requirements.



5) Storage invites corrosion

Whereas automobiles are used almost every day, motorcycle use is usually periodic and, in many cases, seasonal. These extended periods of inactivity place additional stress on motorcycle oils. In these circumstances, rust and acid corrosion protection are of critical concern.



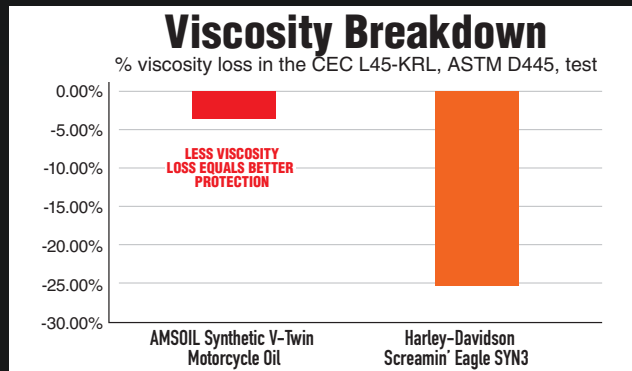
While a good passenger-car motor oil (PCMO) hits many of these performance areas, it doesn't get them all.

PCMOs usually contain friction modifiers to help boost fuel economy. Furthermore, PCMOs don't meet JASO MA or MA2 requirements. If used in a motorcycle, they can interfere with clutch operation and cause slippage. And no rider wants to deal with a slipping clutch. Likewise, motor oils have no natural rust or corrosion resistance. Instead, corrosion inhibitors must be added to the formulation, and typical motor oils don't contain them.

For best protection, use a quality motorcycle oil in your bike. No matter the bike you ride, we have you covered.

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.

AMSOIL Synthetic Motorcycle Oil is designed for the unique demands of motorcycles. It's formulated without friction modifiers for **precise, smooth shifts**. It also contains a heavy dose of corrosion inhibitors to **protect your engine against rust during storage**. And it's designed to resist viscosity loss due to shear despite intense heat and the mechanical action of gears and chains for **rock-solid wear protection**.



Why Your Marine Lower Unit Needs Regular Service

Though your marine motor gets all the attention, your boat isn't going anywhere without the lower unit. Its combination of gears, bearings and other components turn horsepower into movement. Lower units are resilient and can last for years – provided you service them annually. Here, we reveal the inner workings of a marine lower unit and show the common suffering points.

The **SHIFT SHAFT** allows the operator to select forward or reverse.

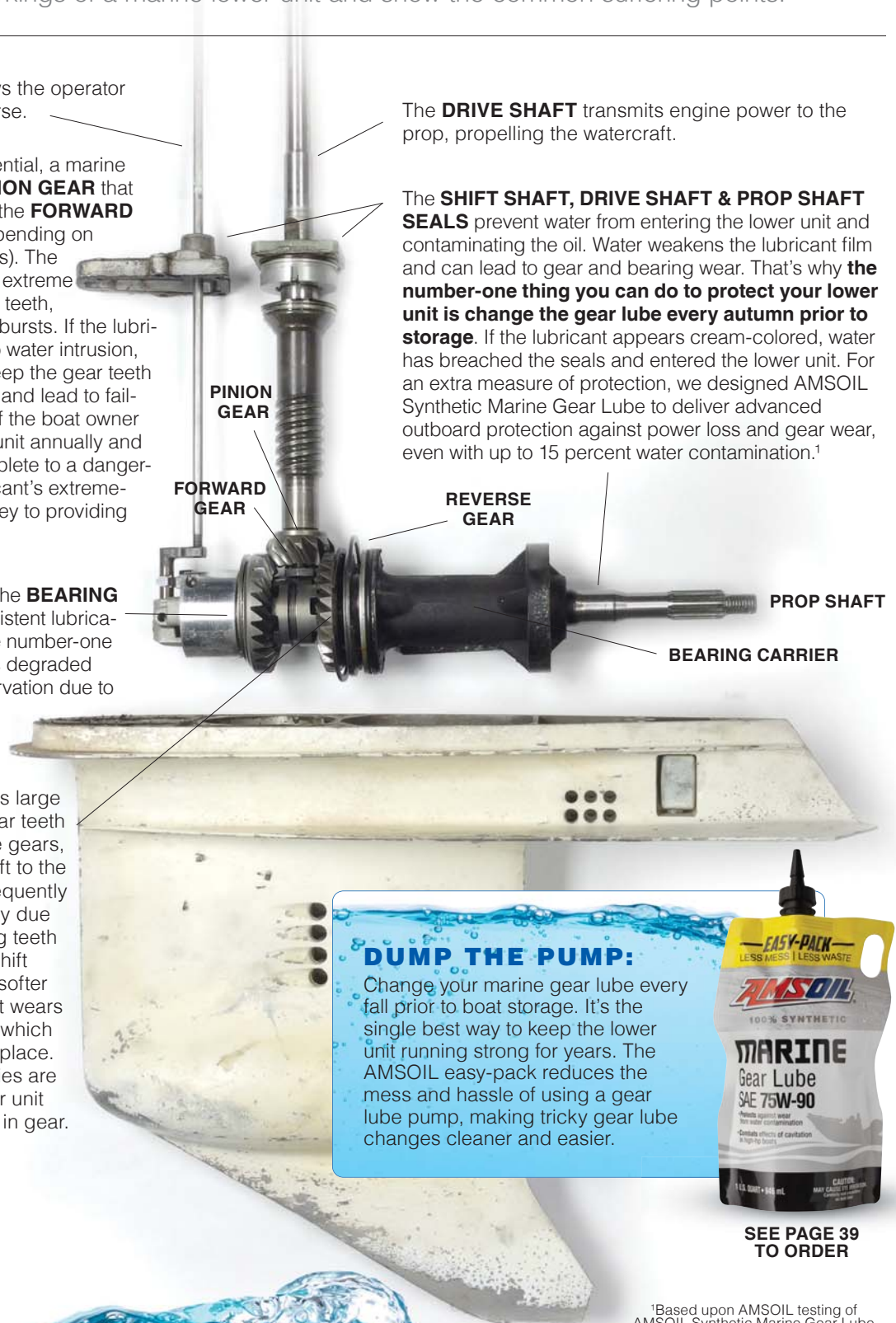
Like an automotive differential, a marine lower unit contains a **PINION GEAR** that drives a ring gear (either the **FORWARD** or **REVERSE GEAR**, depending on which the operator selects). The pinion gear concentrates extreme pressure on the ring gear teeth, especially during throttle bursts. If the lubricant film weakens (due to water intrusion, most likely) and fails to keep the gear teeth separated, they can chip and lead to failure. This can also occur if the boat owner fails to service the lower unit annually and allows the lubricant to deplete to a dangerously low level. The lubricant's extreme-pressure properties are key to providing superior gear protection.

The bearings, housed in the **BEARING CARRIERS**, require consistent lubrication to prevent failure. The number-one cause of bearing failure is degraded gear lube or lubricant starvation due to improper maintenance.

The **SHIFT DOG** contains large teeth that mate with similar teeth on the forward or reverse gears, connecting the drive shaft to the prop. If your outboard frequently pops out of gear, it's likely due to rounded-over shift-dog teeth as a result of wear. The shift dog is typically made of softer metal than the gears so it wears out instead of the gears, which are more expensive to replace. Strong anti-wear properties are vital to ensuring the lower unit shifts properly and stays in gear.

The **DRIVE SHAFT** transmits engine power to the prop, propelling the watercraft.

The **SHIFT SHAFT, DRIVE SHAFT & PROP SHAFT SEALS** prevent water from entering the lower unit and contaminating the oil. Water weakens the lubricant film and can lead to gear and bearing wear. That's why **the number-one thing you can do to protect your lower unit is change the gear lube every autumn prior to storage**. If the lubricant appears cream-colored, water has breached the seals and entered the lower unit. For an extra measure of protection, we designed AMSOIL Synthetic Marine Gear Lube to deliver advanced outboard protection against power loss and gear wear, even with up to 15 percent water contamination.¹



**SEE PAGE 39
TO ORDER**

¹Based upon AMSOIL testing of AMSOIL Synthetic Marine Gear Lube 75W-90 in ASTM 3233 and ASTM D892.



Mark Nyholm | TECHNICAL MANAGER, HEAVY DUTY AND MECHANICAL R&D

Neglect causes most coolant-system problems

Using a good coolant on a routine schedule is a great prescription for protection.

Coolant-system issues account for about 40 percent of engine problems, likely due to most of us neglecting to maintain our coolant. It's easy to see why – coolant is a long-drain-interval product. With service intervals of five years or so (and longer in heavy-duty applications), it's not top-of-mind. Compare that to engine oil, which you change at least yearly and sometimes more often.

Coolant consists of a base (typically ethylene glycol or propylene glycol) mixed with additives and water. The base is primarily responsible for keeping your engine from turning into a block of ice in winter and Old Faithful in summer. The additives guard against corrosion, cavitation and scaling. And the water does a good job removing heat from the engine.

Neglect leads to all kinds of problems, particularly if using inexpensive conventional green coolants found at almost every retailer.

The additives in these coolants use **inorganic-acid technology (IAT)**, which relies exclusively on inorganic salts such as nitrites, phosphates and silicates for protection. Formulating exclusively with inorganic salts has drawbacks. They deplete rather quickly and can lead to scale buildup and sludge if maintenance is neglected.

One solution is to formulate the coolant using **organic-acid technology (OAT)**. These coolants don't contain phosphates, silicates and other inorganic salts, virtually eliminating problems associated with conventional green coolants. They also last longer, which makes everyone happier.

Finally, we have **hybrid organic acid technology (HOAT)**. These coolants rely heavily on organic acids, but strategically use some inorganic salts to take advantage of their protective properties. A properly formulated HOAT coolant delivers long service life and excellent protection. Think of it as a belt-and-suspenders approach to protection.

Whichever coolant you use, it's best to flush the system about every five years to maintain its health.

Some do-it-yourselfers simply place a drain pan under the radiator and open the petcock. While it's better than nothing, this quick-and-dirty coolant service only removes about half the fluid.

Heavy-duty diesel operators often use supplemental coolant additives (SCAs). They're designed to be added to the coolant about halfway through the service interval, replenishing the additives that have depleted.

That sounds like a decent solution, but SCAs have drawbacks. For starters, they're a hassle. The operator has to test the coolant using test strips and match the color of the strip to a chart. Hopefully he's had his eyes checked recently and can correctly match the colors. If not, he risks adding too much SCA, which can cause additive "dropout." This occurs when the additives separate from the coolant base and form sludge and slime that plug coolant passages. Too much SCA can also lead to scale buildup, which inhibits heat-transfer.

Fortunately, there's a better way. You can use a high-quality coolant that doesn't require the hassle of SCAs

and that does a better job fighting common problems like scale, sludge and slime.

At AMSOIL, we have such a coolant: Heavy-Duty Antifreeze & Coolant (ANTHD). It offers a recently improved HOAT formulation that delivers excellent protection against overheating and corrosion for up to 1 million miles (1,609,344 km), 20,000 hours or 8 years, whichever comes first. And it doesn't require the hassle of adding an SCA.

For passenger car/light truck owners, we have AMSOIL Passenger Car & Light Truck Antifreeze & Coolant (ANTPC). It features an improved OAT formulation that eliminates additive drop-out, scaling and other issues inherent to conventional coolants. It's pre-mixed 50/50 with high-quality water and is compatible with all ethylene and propylene coolant colors.

For those who want a low-toxicity, biodegradable coolant, we offer AMSOIL Low Toxicity Antifreeze & Engine Coolant (ANT). Its new HOAT formulation delivers excellent protection for up to 150,000 miles (241,000 km) or 5 years, whichever comes first, in passenger cars and light trucks. In heavy-duty applications, it lasts 1 million miles (1,609,344 km), 20,000 hours or 8 years, whichever comes first. It's compatible with all ethylene and propylene coolant colors.

This summer is a great time to flush your coolant system if it's been awhile and give your engine a fresh start with one of our reformulated coolants.

A CLOSER LOOK AT DIFFERENTIAL COVERS

A new differential cover can help provide increased performance.

Although they're not always top-of-mind for enthusiasts, differential covers play an important role in the performance of pickup truck differentials. In addition to providing access for changing gear lube, differential covers help dissipate heat that can damage differentials, and they protect gears from contaminants like dirt and water, as well as rocks and other large obstacles encountered when off-roading.

Enthusiasts seeking a performance boost and improved cooling often look toward the aftermarket for upgrades over their stock differential covers.

Better Cooling

Enthusiasts love to push their trucks to the limit, but adding power and hauling heavy equipment add heat and stress to the differential. Keeping gear lube temperatures down is key to extending differential life, and performance differential covers can make a significant difference. Features like cooling fins allow more surface area for oil cooling, while differential covers constructed of aluminum provide improved heat disbursement that keeps the differential and gear lube cool. In addition, lighter aluminum differential covers are advantageous for competitors looking to shed overall vehicle weight.

Improved Strength

Differential covers constructed of thin steel can get dented, or they can bend and peel away from the differential when contacting rocks and other debris while off-roading, leading to gear lube leaking out and contaminants entering the differential and causing excess wear. Enthusiasts who put their pickups through the paces while off-roading often seek thicker, stronger differential covers constructed of heavy-duty iron.



Easier Maintenance

Some performance differential covers include features designed to ease maintenance, including gear lube drain plugs and dipsticks. Some drain plugs and dipsticks include magnets, helping owners check for excessive wear without draining the gear lube.

Enhanced Style

Upgrading a differential cover also offers the opportunity to add style to a pickup. Many differential covers are available with chrome-plating and polished aluminum for a beautiful finishing touch for customized trucks.

Look to the Experts

With many different differential cover designs on the market, it is important for enthusiasts to find one that meets their specific needs. Experts like Banks Power specialize in this area and can provide professional guidance for enthusiasts seeking a performance upgrade.





Protect Differentials with AMSOIL SEVERE GEAR®

Today's vehicles produce substantially more horsepower, torque and towing capacity than their predecessors, yet the design of differential gears and bearings remains largely unchanged. Many differentials even use less gear lube and lower viscosities than before in an effort to reduce drag and increase fuel economy. In essence, less gear lube is responsible for providing more protection.

Fighting the Grind

Differential designs have inherent weaknesses. In a traditional automotive differential, the pinion gear concentrates intense pressure on the ring gear. As the gear teeth mesh, they slide against one another, separated only by a thin layer of lubricant. The repeated stress the lubricant film bears can shear gear lubes, causing permanent viscosity loss. Once sheared, the fluid film weakens, ruptures and allows metal-to-metal contact, eventually leading

to gear and bearing failure. The situation is amplified by severe-service applications like towing.

Thermal Runaway

The extreme pressures and temperatures placed on gear lubricants can lead to a serious issue called thermal runaway. As temperatures in the differential climb, some gear lubes lose viscosity and load-carrying capacity. When extreme loads break the lubricant film, metal-to-metal contact occurs, increasing friction and heat. This increased friction and heat, in turn, results in further viscosity loss, which further increases friction and heat. As heat continues to spiral upward, viscosity continues to spiral downward. Thermal runaway is a vicious cycle that leads to irreparable equipment damage from extreme wear, and ultimately catastrophic gear and bearing failure.

AMSOIL SEVERE GEAR Synthetic Gear Lube

SEVERE GEAR excels in protecting gears and bearings from the rigors of

severe-service operation. By design, it resists breakdown from high heat, preventing acids and carbon/varnish formation. Its wax-free construction also improves cold-flow properties, improving fuel economy and cold-weather performance.

- Superior film strength
- Controls thermal runaway
- Protects against rust and corrosion
- Helps reduce operating temperatures
- Maximum efficiency
- Long oil, seal and equipment life
- Flexible easy-pack for clean, fast installation



NEW MOTOR OIL SPECIFICATIONS NOW IN EFFECT

The automotive industry's latest specifications, ILSAC GF-6 and API SP, are now effective. AMSOIL is ahead of the game.

Original equipment manufacturers (OEMs) are under pressure to improve fuel economy and reduce emissions. As a result, most new engines today use some combination of turbochargers, direct-fuel injection and variable valve timing to deliver better fuel economy and increase horsepower.

The trend of lighter engine oils to achieve these goals continues with 0W-16 viscosities emerging in the market and 0W-12 and 0W-8 expected to follow. The industry has responded to these advanced engine technologies and ultra-light oil viscosities with two new oil specifications: ILSAC GF-6 and API SP.

The Split: GF-6A and B

The International Lubricant Standardization and Approval Committee

(ILSAC) has set a new precedent in the passenger-car motor oil market by splitting its specification into two parts. One of the main differences between the two specifications is compatibility. See the chart on the next page.

Both versions focus on wear protection, prevention of low-speed pre-ignition (LSPI) and improved engine cleanliness. However, GF-6B features a more stringent fuel economy test. Engine oils can easily be identified as ILSAC GF-6A or 6B by the API emblem on the front label of the packaging. A shield represents the GF-6B specification, while the traditional starburst indicates a GF-6A product. Both ILSAC specifications meet the industry-standard API SP specification which is most commonly found in owners' manuals.

We Are Ready

Our claims about using advanced technology aren't just talk, and this specification update proves it once again. AMSOIL synthetic motor oils already meet or exceed the new industry standards and require no change in formulation. This is not the first time we've been in this position. While the competition works on making major formulation adjustments, we are ready. Our product labels will soon feature the new specifications as inventories of current packaging are depleted.



BACKWARD
COMPATIBLE
GF-6A

NOT
BACKWARD
COMPATIBLE
GF-6B

Added piston deposit prevention for fuel economy and horsepower retention	✓	✓
Improved turbocharger protection to prevent turbocoking and increase longevity	✓	✓
Increased wear protection for maintaining like-new performance	✓	✓
Increased sludge protection for cleaner engines	✓	✓
Viscosities XW-20, XW-30, XW-40, XW-50	✓	
Low HTHS viscosities for improved fuel economy XW-16 (XW-12, XW-8 possible future viscosities)		✓
Low-speed pre-ignition protection, preventing severe engine damage	✓	✓



THE CHEMICAL PROPERTIES OF ADDITIVES

Additives enhance lubricant functioning by performing two critical functions: decreasing destructive processes and enhancing beneficial properties of the base oil.

Oil additives have had a significant effect on modern transportation and industrial processes. The use of sophisticated additives has allowed equipment to evolve into what it is today, enhancing performance capabilities by providing added efficiency and protection to internal systems.

Although there may be a variety of additives directed toward a specific function, such as imparting controlled frictional properties, the performance of each can differ significantly. The concentration at which an additive is used also has a major effect on how well a lubricant performs a given task. To achieve the proper mix of additive and base oil chemistries, an understanding of how different additives interact is necessary.

Additives can function to lessen the damage caused from oxidation, extreme pressure, wear, rust and corrosion. Additives can also enhance

a lubricant's ability to control foam, separate or combine with water and keep the engine clean.

Resisting Oxidation

Oxidation and heat are the primary enemies of lubricant base oils, especially conventional petroleum base oils. Once oxidation and heat cause a lubricant to break down, it must be replaced or the resulting contamination and lack of lubrication will cause equipment damage.

Some of the chemicals in conventional lubricants break down at temperatures within the normal operating range of vehicle and equipment components. Some tend to break down and generate contaminants in relatively mild temperatures when exposed to oxygen, which is almost always present. These unstable contaminants do not help the lubrication process in any way, and chemical additives are necessary to keep the lubricant's performance in check under these oxidative conditions.

What is Oxidation?

Oxidation is the breakdown of a lubricant's base oil or additive molecules as they chemically react with air in high-temperature environments. Oxidation increases exponentially as temperatures increase and is further accelerated by the presence of water and catalysts such as copper, aluminum and other substances present in the application. Excessive foam is another contributor to accelerated oxidation.

Foam is bad for several reasons, but its contribution to accelerated oxidation is due in part to more surface area of the oil being exposed to air. As oxidation progresses, the oil typically begins to thicken and its acid number rises. Both these trends can be identified by oil analysis and the oil condemned when it reaches limits established by the oil analysis lab or the equipment manufacturer. If unaddressed, the oil will degrade to the point of producing varnish and sludge which can easily cause damage.



Oxidation is a natural process that cannot be stopped, but the quality, quantity and types of raw materials used in a lubricant can have a dramatic impact on slowing its rate. Regardless of the lubricant quality, lowering heat, keeping water out and minimizing foam whenever possible can help extend its life.

The Importance of Oxidation Resistance

Since oxidation produces acids, measuring the acid components in a lubricant is an indirect way of determining the occurrence of oxidation. This measure is known as the Total Acid Number (TAN). In non-engine lubricants, TAN can help measure the extent of oxidation, which in turn can help determine if the oil is suitable for continued use. TAN values can be determined through conventional oil analysis.

When a lubricant reaches the end of its service life, it reaches its condemning limit and must be replaced. Depending on the application, a TAN between 2 and 5 typically indicates the lubricant has reached its condemning limit; however, TAN and condemning limits vary between application and product types.

Although oxidation resistance varies between different base oils, most require the assistance of oxidation inhibitors to combat the negative results of oxidation and improve the life expectancy of a lubricant. A typical oxidation inhibitor is zinc dialkyldithiophosphate, more commonly referred to as ZDDP.

AMSOIL Advantage

Saturated Molecular Structure

AMSOIL synthetic lubricants are formulated with base oils that have a saturated molecular structure, meaning oxygen is prevented from attaching. This provides inherent heat and oxidation stability over conventional oils that are unsaturated. Because AMSOIL synthetic oils do not contain contaminants like conventional mineral oils, their base composition does not accelerate oxidation.

AMSOIL synthetic lubricants contain oxidation inhibitors that are far better than conventional oils. Oxidation inhibitors are sacrificial in nature, meaning they deplete, or are used over time. Since AMSOIL base oils have better oxidation stability on their own, oxidation inhibitors in AMSOIL synthetic oils last longer because they are not depleted as rapidly. AMSOIL uses a combination of oxidation-inhibitor systems for different temperatures and application needs.

Oxidation Testing

AMSOIL uses several tests to evaluate the oxidation characteristics of its lubricants:

- Turbine Oil Oxidation Stability Test (TOST) (ASTM D943)
- 1000-Hour Sludge Test (ASTM D4310)
- Panel Coker Test
- Rotary Bomb/Pressure Vessel Oxidation Test (RBOT/RPVOT) (ASTM D2272)
- Thin-Film Oxygen Uptake Test/TFOUT (ASTM D4742)

Each of these tests has its own procedures, but all evaluate oxidation. The Thin-Film Oxygen Uptake Test (TFOUT) evaluates a lubricant's ability to resist heat and oxygen breakdown when contaminated with oxidized or nitrated fuel, or water and soluble metals such as lead, copper, iron,

manganese and silicon. Designed to mimic the operating conditions of a gasoline engine, this test demonstrates the consistently superior oxidation stability of AMSOIL lubricants.

Thin-Film Oxygen Uptake Test (ASTM D4742)

During the test, the oil is mixed with other typical chemistries that are found in gasoline engines. The test is conducted under high pressure at a high temperature of 320°F (160°C). The mixture is pressurized along with oxygen and other metal catalysts, fuel and water to simulate the operating conditions of the gasoline engine.

The breakdown of the oil's antioxidants is detected by a decrease in oxygen pressure, referred to as the induction time (break point) of the oil, which is recorded.

Synthetic Gasoline Motor Oil

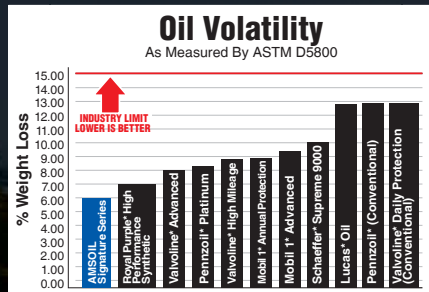
Signature Series Fights Wear

AMSOIL Signature Series Synthetic Motor Oil provides **75 percent more engine protection against horsepower loss and wear** than required by a leading industry standard^A, extending the life of vital components like pistons and cams.

^ABased on independent testing in the ASTM D6891 test using 0W-20 as worst-case representation.

Signature Series Helps Keep Valves Clean

AMSOIL fights volatility^U **38% better** than Mobil 1[®] and **17% better** than Royal Purple[®], helping reduce oil consumption and keep valves clean.



^UBased on independent testing of AMSOIL Signature Series Synthetic 5W-20, Mobil 1[®] Advanced Synthetic 5W-20, Royal Purple[®] High Performance Synthetic 5W-20 in ASTM D5800. Oils purchased Oct.-Nov. 2018.

Signature Series Delivers Powerful Protection

AMSOIL delivers powerful protection. How good is it? An independent lab compared AMSOIL synthetic motor oil head-to-head against a leading competitor in a 100,000-mile (160,934-km) test^F. AMSOIL provided far superior wear protection and kept bearings looking like new.



^FTesting conducted in an independent lab using AMSOIL Signature Series 5W-30 Synthetic Motor Oil and a leading synthetic-blend 5W-30 motor oil in Ford F-150 trucks with 3.5L twin-turbo engines.



Signature Series

Signature Series Synthetic Motor Oil

Engineered for enthusiasts seeking maximum protection and performance. Precision-formulated with cutting-edge technology and a longstanding devotion to making the world's best motor oil. The result: engine protection that blows the doors off the highest industry standards. Guaranteed protection for up to 25,000 miles (40,200 km) or 1 year, whichever comes first.

● 0W-20

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes 6094M) • ACEA A1/B1 • Chrysler MS-6395 • Ford WSS-M2C947-A, WSS-M2C947-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ASMQT	EA	1 Quart	10.00	12.70
ASMQT	CA	12 Quarts	113.90	144.90
ASM1G	EA	1 Gallon	39.25	49.35
ASM1G	CA	4 Gallons	149.35	187.95

● 5W-20

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes 6094M) • ACEA A1/B1 • Chrysler MS-6395 • Ford WSS-M2C945-A, WSS-M2C930-A, WSS-M2C945-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ALMQT	EA	1 Quart	10.00	12.70
ALMQT	CA	12 Quarts	113.90	144.90
ALM1G	EA	1 Gallon	39.25	49.35
ALM1G	CA	4 Gallons	149.35	187.95

● 0W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes LL-A-025, 6094M, 4718M) • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Honda HTO-06 • Ford WSS-M2C946-A, WSS-M2C929-A, WSS-M2C946-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AZQQT	EA	1 Quart	10.00	12.70
AZQQT	CA	12 Quarts	113.90	144.90
AZO1G	EA	1 Gallon	39.25	-
AZO1G	CA	4 Gallons	149.35	-

● 5W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes LL-A-025, 6094M, 4718M) • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Honda HTO-06 • Ford WSS-M2C946-A, WSS-M2C929-A, WSS-M2C946-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ASLQT	EA	1 Quart	10.00	12.70
ASLQT	CA	12 Quarts	113.90	144.90
ASL1G	EA	1 Gallon	39.25	49.35
ASL1G	CA	4 Gallons	149.35	187.95

● 10W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Ford WSS-M2C205-A • GM LL-A-025, 6094M, 4718M

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ATMQT	EA	1 Quart	10.00	12.70
ATMQT	CA	12 Quarts	113.90	144.90
ATM1G	EA	1 Gallon	39.25	-
ATM1G	CA	4 Gallons	149.35	-

● 0W-40

Use in vehicles that require API SP, SN-PLUS, SN... • Chrysler MS-12633, MS-10725, MS-10850; Nissan GT-R

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AZFQT	EA	1 Quart	10.00	12.70
AZFQT	CA	12 Quarts	113.90	144.90

○ 5W-50

Use in vehicles that require API SP, SN-PLUS, SN... • Ford WSS-M2C931-C (Mustang)

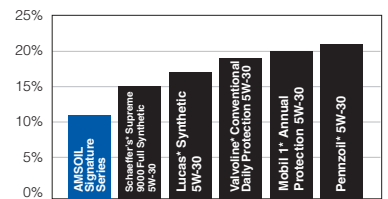
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AMRQT	EA	1 Quart	10.00	12.70
AMRQT	CA	12 Quarts	113.90	144.90



Signature Series Fights Viscosity Breakdown

AMSOIL fights viscosity breakdown **better than the competition**^o, providing superior protection of pistons, cams and bearings.

VISCOSITY BREAKDOWN
Represented By % Viscosity Lost In The Kurt Orban Test



^oBased on independent testing of AMSOIL Signature Series, Schaeffer's Supreme 9000 Full Synthetic, Lucas Synthetic, Valvoline Conventional Daily Protection, Mobil 1 Annual Protection and Pennzoil 5W-30 in the Kurt Orban Test. Oils purchased on 5/3/18.

Signature Series Guards Turbos

Signature Series protects turbochargers **72% better** than required^d by the GM dexos1[®] Gen 2 specification.

^dBased on independent testing of AMSOIL Signature Series 5W-30 in the GM turbo coking test.

Signature Series Protects Against LSPI

AMSOIL synthetic motor oils achieved **100% protection** against LSPI.^b

^bBased on zero LSPI events in five consecutive tests of AMSOIL Signature Series, XL and OE 5W-30 Motor Oil in the LSPI engine test required by the GM dexos1 Gen 2 specification.

Signature Series Cleans

AMSOIL Signature Series Synthetic Motor Oil has **50% more** detergents^p to help keep oil passages clean and promote oil circulation. It provides **90% better protection** against sludge^{pd}.

^pvs. AMSOIL OE Motor Oil

^{pd}Based on independent testing of AMSOIL Signature Series 5W-30 in the ASTM D6593 engine test for oil screen plugging as required by the API SN PLUS specification.

Signature Series Neutralizes Acids

AMSOIL Signature Series is fortified with a heavy treatment of detergent additive and it delivers **30% more** acid neutralizing power^f than Mobil 1, and **36% more** than Royal Purple, helping engines to stay cleaner, longer.

ACID NEUTRALIZING POWER

Represented By Total Base Number (TBN) in ASTM D2896



^fBased upon independent testing of Mobil 1 Annual Protection Full Synthetic 5W-30, Royal Purple High Performance 5W-30 and AMSOIL Signature Series 5W-30 in ASTM D2896. Oils purchased 05/03/18.

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

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

Orders below \$100 (\$130 Can.) pay a flat shipping rate of \$8.99 (\$11.99 Can.).



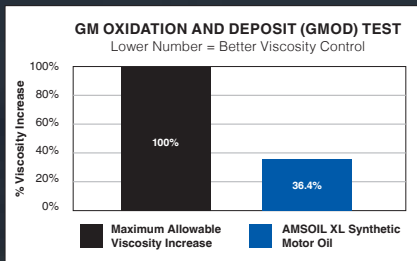


“I have been using AMSOIL in particular the XL series for many years. I have 2 vehicles over 500,000 km. Both vehicles are running good. The engine is going to outrun the rusty body!”

– Henry
Alberta

XL Resists Oil Breakdown

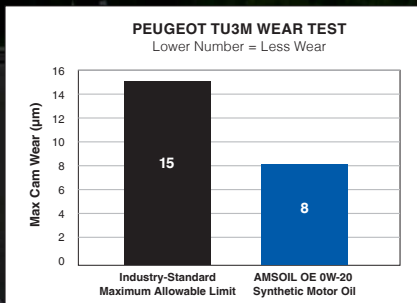
XL provides **64% more protection** against oil breakdown^F than required by the GM dexos1[®] Gen 2 specification.



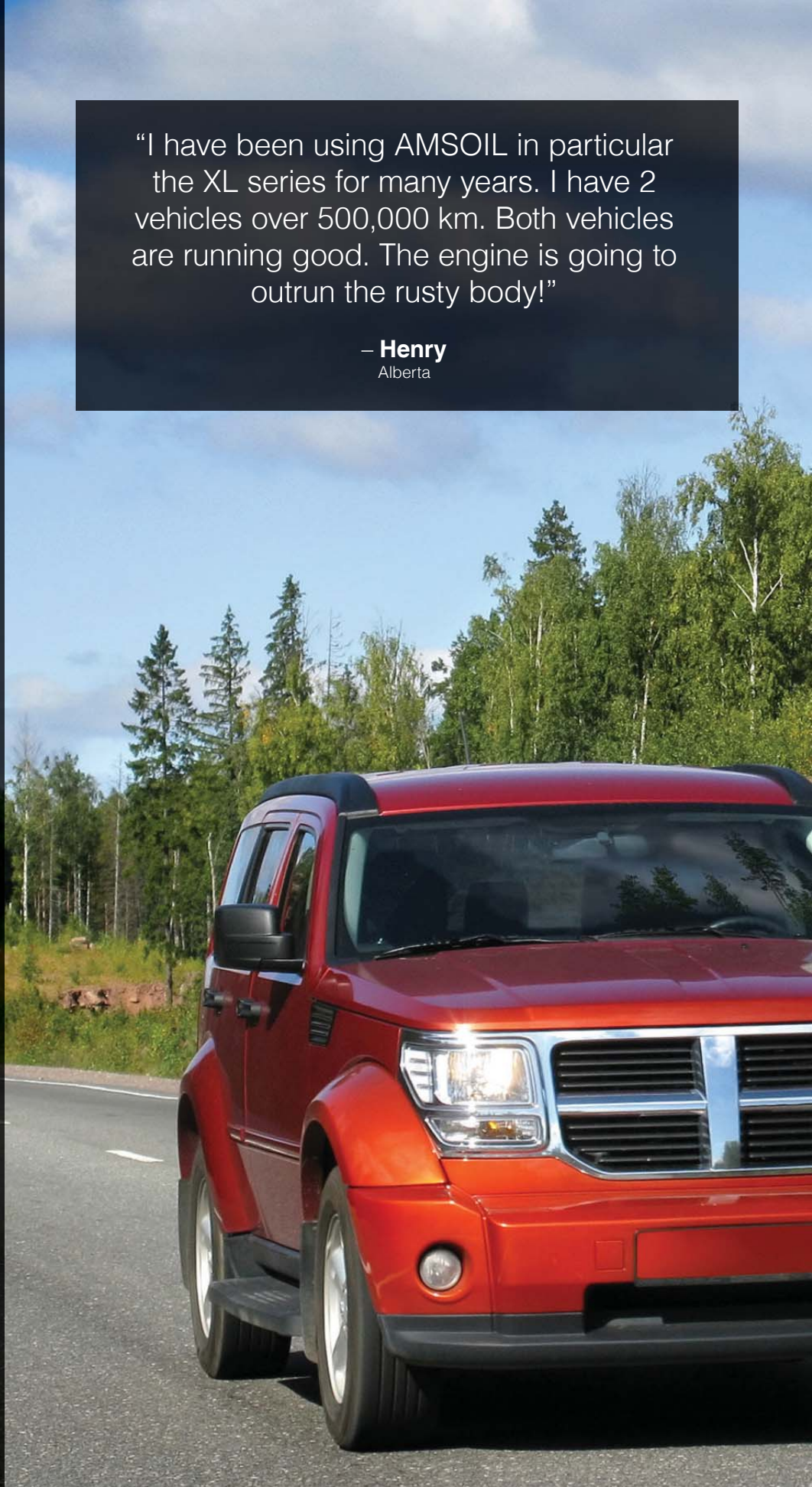
^FBased on independent testing of AMSOIL XL 5W-30 motor oil in the GMOD engine test required for the GM dexos1 Gen2 specification.

OE Protects Against Wear

OE provides **47 percent more** wear protection.^G



^GBased on independent testing of OE 0W-20 in the Peugeot TU3M Wear Test as required by the dexos1 Gen 2 specification.





XL Synthetic Motor Oil

For enthusiasts who want to do something extra for their vehicle. Engineered for advanced automotive technology, including turbos and direct injection. Boosted formulation delivers more cleaning power and promotes longer engine life. Extra protection that lasts up to 12,000 miles (19,300 km) or 1 year, whichever comes first.

● XL 0W-20

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes 6094M) • ACEA A1/B1 • Chrysler MS-6395 • Ford WSS-M2C947-A, WSS-M2C947-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
XLZQT	EA	1 Quart	7.25	9.50
XLZQT	CA	12 Quarts	82.85	108.40
XLZ1G	EA	1 Gallon	28.35	37.15
XLZ1G	CA	4 Gallons	107.95	141.35

● XL 5W-20

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes 6094M) • ACEA A1/B1 • Chrysler MS-6395 • Ford WSS-M2C945-A, WSS-M2C930-A, WSS-M2C945-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
XLMQT	EA	1 Quart	7.25	9.50
XLMQT	CA	12 Quarts	82.85	108.40
XLM1G	EA	1 Gallon	28.35	37.15
XLM1G	CA	4 Gallons	107.95	141.35

● XL 5W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes LL-A-025, 6094M, 4718M) • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Honda HTO-06 • Ford WSS-M2C946-A, WSS-M2C929-A, WSS-M2C946-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
XLFQT	EA	1 Quart	7.25	9.50
XLFQT	CA	12 Quarts	82.85	108.40
XLF1G	EA	1 Gallon	28.35	37.15
XLF1G	CA	4 Gallons	107.95	141.35

● XL 10W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Ford WSS-M2C205-A • GM 6094M, 4718M

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
XLTQT	EA	1 Quart	7.25	9.50
XLTQT	CA	12 Quarts	82.85	108.40
XLT1G	EA	1 Gallon	28.35	-
XLT1G	CA	4 Gallons	107.95	-

○ XL 10W-40

Use in vehicles that require API SP, SN-PLUS, SN... • ACEA A3/B3, A3/B4

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
XLOQT	EA	1 Quart	7.25	9.50
XLOQT	CA	12 Quarts	82.85	108.40
XLO1G	EA	1 Gallon	28.35	-
XLO1G	CA	4 Gallons	107.95	-

Tough-to-reach fill hole?

Order a flexible pour spout with your oil to make the job easier. Fits quarts and gallons.

STOCK#	U.S. P.C.	CAN. P.C.
G1230	0.70	0.95



OE 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.

● OE 0W-16

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6B

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
OESQT	EA	1 Quart	5.45	7.20
OESQT	CA	12 Quarts	62.25	81.90

● OE 0W-20

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes 6094M) • ACEA A1/B1 • Chrysler MS-6395 • Ford WSS-M2C947-A, WSS-M2C947-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
OEZQT	EA	1 Quart	5.45	7.20
OEZQT	CA	12 Quarts	62.25	81.90
OEZ1G	EA	1 Gallon	21.40	28.00
OEZ1G	CA	4 Gallons	81.35	106.50

● OE 5W-20

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes 6094M) • ACEA A1/B1 • Chrysler MS-6395 • Ford WSS-M2C945-A, WSS-M2C930-A, WSS-M2C945-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
OEMQT	EA	1 Quart	5.45	7.20
OEMQT	CA	12 Quarts	62.25	81.90
OEM1G	EA	1 Gallon	21.40	28.00
OEM1G	CA	4 Gallons	81.35	106.50

● OE 5W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • GM dexos1 Gen 2 (supersedes LL-A-025, 6094M, 4718M) • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Honda HTO-06 • Ford WSS-M2C946-A, WSS-M2C929-A, WSS-M2C946-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
OEFQT	EA	1 Quart	5.45	7.20
OEFQT	CA	12 Quarts	62.25	81.90
OEF1G	EA	1 Gallon	21.40	28.00
OEF1G	CA	4 Gallons	81.35	106.50

● OE 10W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Ford WSS-M2C205-A • GM 6094M, 4718M

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
OETQT	EA	1 Quart	5.45	7.20
OETQT	CA	12 Quarts	62.25	81.90

Oil Analyzers

AMSOIL offers oil analysis service options from Oil Analyzers Inc.® By analyzing used engine oil, a qualified lab can detect mechanical problems your equipment may have developed. For more information, visit www.oaitesting.com.

STOCK#	PKG./SIZE	U.S. P.C.	CAN. P.C.
KIT01	1 sample kit (includes two-way postage) - U.S.	28.35	-
KIT02	1 sample kit (includes UPS shipping) - U.S.	28.35	-
KIT06	1 sample kit - U.S.	20.50	-
KIT14	1 value sample kit - U.S.	15.70	-
KIT401	1 sample kit (includes UPS shipping) - CAN.	-	52.05
KIT402	1 sample kit - CAN.	-	32.45
G1206	Oil Suction Pump w/10-ft. hose	26.25	34.85
G1571	Replacement Hose 25-ft.	8.35	11.00

Synthetic European Motor Oil

Protection Geared for European Vehicles

Stringent emissions regulations mean emissions systems developed in Europe are often more complex and can be damaged by motor oil that is not specially formulated to ensure the systems' protection. AMSOIL European Car Formula is specifically formulated for European vehicles, ensuring optimum protection for a broad range of European specifications.



European Car Formula Synthetic Motor Oil

Specially formulated for the lubrication needs of European gasoline and diesel cars and light trucks.

5W-30¹³

Manufacturer Approvals: VW 504.00/507.00

Use in vehicles that require API SN • ACEA C3 • GM dexos2 • Chrysler MS-11106 • MB 229.51 • BMW LL-04 • Porsche C30

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AELQT	EA	1 Quart	10.65	13.55
AELQT	CA	12 Quarts	121.15	154.35
AEL1G	EA	1 Gallon	41.75	—
AEL1G	CA	4 Gallons	159.00	—

5W-40

Manufacturer Approvals: MB 229.51 • Porsche A40

Use in vehicles that require ACEA C3 • API SN/SM/CF... • BMW LL-04 • Chrysler MS-10850 (supersedes MS-10896) • Ford WSS-M2C917-A • GM dexos2 (supersedes LL-A-025 and LL-B-025) • Renault RN0700/RN0710 • VW/Audi 502.00/505.01

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AFLQT	EA	1 Quart	9.45	12.45
AFLQT	CA	12 Quarts	107.45	141.75
AFL1G	EA	1 Gallon	36.95	48.30
AFL1G	CA	4 Gallons	140.70	184.00

0W-40

Use in vehicles that require ACEA A3/B3, A3/B4 • API SN/SM... • BMW LL-01 • MB 229.1/229.3/229.5 • Porsche A40 • Renault 0710, 0700 • VW/Audi 502.00/505.00

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
EFOQT	EA	1 Quart	8.85	11.25
EFOQT	CA	12 Quarts	100.80	128.55

5W-40¹³

Manufacturer Approvals: MB 229.5 • Porsche A40 • VW/Audi 502.00/505.00

Use in vehicles that require ACEA A3/B3, A3/B4 • API SN/SM... • BMW LL-01 • Renault 0710, 0700

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
EFMQT	EA	1 Quart	6.85	9.00
EFMQT	CA	12 Quarts	78.15	102.70
EFM1G	EA	1 Gallon	26.95	35.20
EFM1G	CA	4 Gallons	102.50	134.00

¹³See page 43 for Proposition 65 information for this product.

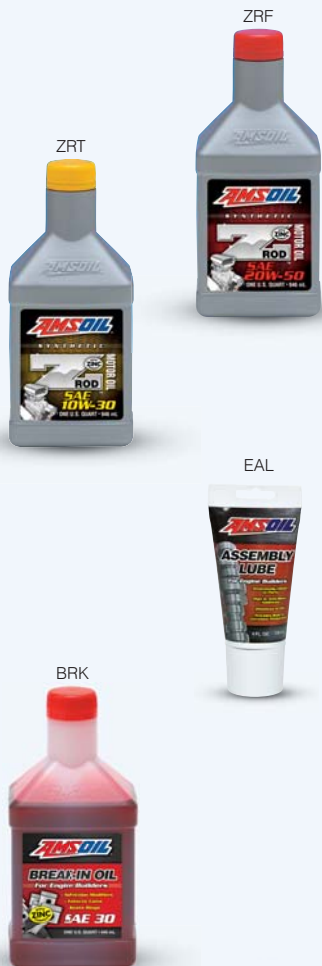
“My engine sounds better than it ever has. My BMW* has 70,000+ miles and has never sounded this good or smooth. You can tell a lot about engines just from the sound and this baby is purring like I’ve never heard it purr. I am very pleased and glad I made the switch to AMSOIL.”

– Tom
Atlanta, Ga.

Synthetic Classic/Collector Car Motor Oil

Performance on the Street, Protection During Storage

The lifters and cam lobes on flat-tappet camshafts common to classic and high-performance vehicles slide rapidly against one another, producing high friction and heat. The friction between the two components can eventually wear down the cam and affect valve operation, ultimately resulting in lost engine power and reduced efficiency. AMSOIL Z-ROD Synthetic Motor Oil contains high levels of ZDDP for maximum wear protection. It is formulated with a unique blend of rust and corrosion inhibitors to ensure maximum protection during long-term storage.



Z-ROD® Synthetic Motor Oil

High-zinc, high-phosphorus formulation engineered specifically for classic cars and performance vehicles.

10W-30

Use in vehicles that require API SL, SJ...

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ZRTQT	EA	1 Quart	9.00	11.50
ZRTQT	CA	12 Quarts	102.55	131.05

20W-50

Use in vehicles that require API SL, SJ...

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ZRFQT	EA	1 Quart	9.35	11.95
ZRFQT	CA	12 Quarts	106.65	136.10

Assembly Lube¹⁷

Formulated to cling to engine parts and provide exceptional wear protection in newly built or rebuilt high-performance, racing and other four-stroke engines.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
EALTB	EA	(1) 4-oz. Tube	7.65	9.65
EALTB	CA	(12) 4-oz. Tubes	87.15	110.25

Break-In Oil¹⁷

Allows for quick and efficient piston ring seating in new and rebuilt high-performance and racing engines.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
BRKQT	EA	1 Quart	6.80	8.80
BRKQT	CA	12 Quarts	77.50	100.20

¹⁷See page 43 for Proposition 65 information for this product.



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

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

Orders below \$100 (\$130 Can.) pay a flat shipping rate of \$8.99 (\$11.99 Can.).



Synthetic Racing Oil



“AMSOIL products are the best on the market and definitely give us an added performance factor.”

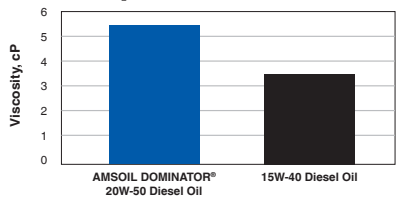
— Bryce Menzies
Professional Off-Road Driver

DOMINATOR® Protects Better

DOMINATOR 20W-50 Competition Diesel Oil delivers **50% more** film thickness^H to withstand high cylinder pressures and protect against wear.

HIGH-TEMPERATURE/HIGH-SHEAR (HTHS) VISCOSITY

Higher = Better Wear Protection



^HCompared to the 3.5 cP HTHS limit for SAE 15W-40.





RD20



RD30



RD50



RD60



DCO



GBS2960

DOMINATOR® Synthetic Racing Oil

Superior performance and maximum protection in high-performance and racing applications.

● 5W-20¹⁷

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
RD20QT	EA	1 Quart	11.15	14.15
RD20QT	CA	12 Quarts	127.30	161.30

● 10W-30¹⁷

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
RD30QT	EA	1 Quart	10.80	13.75
RD30QT	CA	12 Quarts	123.05	156.90

● 15W-50¹⁷

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
RD50QT	EA	1 Quart	11.35	14.40
RD50QT	CA	12 Quarts	129.35	164.45
RD501G	EA	1 Gallon	44.60	—
RD501G	CA	4 Gallons	169.90	—

● SAE 60¹⁷

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
RD60QT	EA	1 Quart	11.70	14.85
RD60QT	CA	12 Quarts	133.25	169.50

● 20W-50 Synthetic Competition Diesel Oil

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DCOQT	EA	1 Quart	9.25	—
DCOQT	CA	12 Quarts	105.25	—
DCO1G	EA	1 Gallon	36.20	47.05
DCO1G	CA	4 Gallons	137.80	179.15

● Briggs & Stratton Synthetic 4T Racing Oil¹⁷

Formulated by AMSOIL specifically for stock and modified small-displacement air-cooled racing engines and recommended for any four-stroke air-cooled competition engine.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GBS2960	EA	1 Quart	11.25	14.95
GBS2960	CA	12 Quarts	134.90	179.40

Ea® Racing Air Filters

Discontinued and available while supplies last.

Specially designed for carbureted racing and street rod applications, providing higher dirt-holding capacity, lower pressure drop and greater airflow and efficiency. Cleanable and remain serviceable for long filter life.

See www.amsoil.com or call (715) 399-TECH (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for application information.

Ea® Pre-Filters

Discontinued and available while supplies last.

Constructed of woven mesh and designed to fit over the top of Ea Racing and Air Induction Filters, preventing large particles from sticking to them and blocking airflow. Easily removed and shaken free of debris in seconds. Cleanable and remain serviceable for up to one year.

See www.amsoil.com or call (715) 399-TECH (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for application information.

¹⁷See page 43 for Proposition 65 information for this product.



EAAR



EAPF

Synthetic Diesel Oil



Keeps Turbos Clean

Signature Series Max-Duty Synthetic Diesel Oil provides protection boosted to the max, delivering up to **60% better turbo cleanliness¹** and withstanding the extra demands you place on the turbo when pulling heavy loads or updating the tune for maximum horsepower.

¹Based on specification standards of CAT C13 2nd Ring Top Land Carbon testing.

Competing Brand



Severely Scuffed Liner



Non-Scuffed Liner

Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222

Protects Against Rust

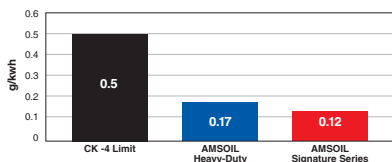
Signature Series Max-Duty Synthetic Diesel Oil provides up to **2X better rust protection^K**.

^KBased on industry standard testing using the NMMA FC-W Rust Test.

Reduces Oil Consumption

Heavy-Duty Synthetic Diesel Oil provides up to **66% less** oil consumption, while Signature Series Max-Duty Synthetic Diesel Oil provides up to **76% less** oil consumption.^L

OIL CONSUMPTION
Lower = Better



^LThan required by the API CK-4 standard in the Caterpillar-1N oil consumption test.

DHD



Signature Series Max-Duty Synthetic Diesel Oil

The top tier of AMSOIL protection and performance for diesel engines. Provides 6X more engine protection.¹

5W-30

Use in vehicles that require API CK-4/SN, SN+, CJ-4... · ACEA E9, E7, E6 · Mack EOS-4.5, EO-O · Detroit Diesel DFS 93K222, DDC 93K218, 93K215, 93K214 · Caterpillar ECF-3, ECF-2, ECF-1-a · Cummins CES20086, CES20081 · Volvo VDS-4.5, VDS-4, VDS-3 · MB 228.51, 228.31 · MTU Type 3.1, 2.1, II, I · MAN 3677, 3575 · JASO DH-2 · Renault RLD-4, RLD-3 · Deutz DQC IV-10 LA, DQC III-10 LA · Scania LA-2 · Chrysler MS 10902 · Ford WSS-M2C214-B1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DHDQT	EA	1 Quart	9.30	12.15
DHDQT	CA	12 Quarts	106.00	138.60
DHD1G	EA	1 Gallon	36.45	47.70
DHD1G	CA	4 Gallons	138.85	181.65
DHDTP	EA	(1) 2.5 Gallon	90.05	-
DHDTP	CA	(2) 2.5 Gallons	171.45	-

DDT



10W-30

Use in vehicles that require API CK-4/SN, CJ-4... · Volvo VDS4.5, VDS4, VDS3 · Mack EOS-4.5, EO-O · Renault RLD-4, RLD-3 · Cummins CES20086, CES20081 · Caterpillar ECF-2, ECF-3, ECF-1-a · DDC 93K218, 93K215, 93K214 · DFS 93K222 · ACEA E9, E7 · MB 228.31 · MAN 3575 · MTU Type 2.1, II, I · JASO DH-2 · Deutz DQC III-10LA · Ford WSS-M2C171-F1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DDT1G	EA	1 Gallon	34.00	44.45
DDT1G	CA	4 Gallons	129.40	169.30

DZF



0W-40

Use in vehicles that require API CK-4/SN, CJ-4... · ACEA E9, E7 · Mack EOS-4.5, EO-O · Detroit Diesel DDC 93K218, 93K215, 93K214 · Caterpillar ECF-3, ECF-2, ECF-1-a · Cummins CES20086, CES20081 · Volvo VDS-4.5, VDS-4, VDS-3 · MTU Type 2.1, II, I · MAN 3575 · JASO DH-2 · Renault RLD-4, RLD-3 · Deutz DQC III-10 LA · Allison TES-439 · Scania LA-2 · Chrysler MS 10902 · Ford WSS-M2C171-F1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DZFQT	EA	1 Quart	9.00	11.75
DZFQT	CA	12 Quarts	102.55	134.20
DZF1G	EA	1 Gallon	35.25	46.10
DZF1G	CA	4 Gallons	134.20	175.60

DEO



5W-40

Use in vehicles that require API CK-4/SN, CJ-4... · ACEA E9, E7 · Mack EOS-4.5, EO-O · Detroit Diesel DFS 93K222, DDC 93K218, 93K215, 93K214 · Caterpillar ECF-3, ECF-2, ECF-1-a · Cummins CES20086, CES20081 · Volvo VDS-4.5, VDS-4, VDS-3 · MB 228.31 · MTU Type 2.1, II, I · MAN 3575 · JASO DH-2 · Renault RLD-4, RLD-3 · Deutz DQC III-10 LA · Allison TES-439 · Scania LA-2 · Chrysler MS 10902 · Ford WSS-M2C171-F1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DEOQT	EA	1 Quart	8.95	11.70
DEOQT	CA	12 Quarts	102.10	133.60
DEO1G	EA	1 Gallon	35.10	45.90
DEO1G	CA	4 Gallons	133.60	174.75
DEOTP	EA	(1) 2.5 Gallon	86.55	113.20
DEOTP	CA	(2) 2.5 Gallons	164.85	215.60

DME



15W-40

Use in vehicles that require API CK-4/SN, CJ-4... · ACEA E9, E7 · Mack EOS-4.5, EO-O · Detroit Diesel DFS 93K222, DDC 93K218, 93K215, 93K214 · Caterpillar ECF-3, ECF-2, ECF-1-a · Cummins CES20086, CES20081 · Volvo VDS-4.5, VDS-4, VDS-3 · MB 228.31 · MTU Type 2.1, II, I · MAN 3575 · JASO DH-2 · Renault RLD-4, RLD-3 · Deutz DQC III-10 LA · Allison TES-439 · Scania LA-2 · Chrysler MS 10902 · Ford WSS-M2C171-F1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DMEQT	EA	1 Quart	8.80	11.55
DMEQT	CA	12 Quarts	100.35	131.70
DME1G	EA	1 Gallon	34.50	45.10
DME1G	CA	4 Gallons	131.25	171.80
DMETP	EA	(1) 2.5 Gallon	85.05	111.25
DMETP	CA	(2) 2.5 Gallons	162.00	211.90

¹than required by the Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222 using 5W-30 as worst-case representation.



Heavy-Duty Synthetic Diesel Oil

Outstanding protection and performance for customers seeking an upgrade over conventional and other synthetic diesel oils. Provides 4X more engine protection.¹

10W-30

Use in vehicles that require API CK-4, CJ-4... • ACEA E9, E7 • Mack EOS-4.5, EO-O • Detroit Diesel DFS 93K222, DDC 93K218, 93K215, 93K214 • Caterpillar ECF-3, ECF-2, ECF-1-a • Cummins CES20086, CES20081 • Volvo VDS-4.5, VDS-4, VDS-3 • MB 228.31 • MTU Type 2.1, II, I • MAN 3575 • JASO DH-2 • Renault RLD-4, RLD-3 • Deutz DQC III-10 LA • Ford WSS-M2C171-F1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADNQT	EA	1 Quart	5.85	7.75
ADNQT	CA	12 Quarts	66.50	88.20
ADN1G	EA	1 Gallon	22.85	—
ADN1G	CA	4 Gallons	86.95	—
ADNTP	EA	(1) 2.5 Gallon	56.00	73.40
ADNTP	CA	(2) 2.5 Gallons	106.60	139.80

5W-40

Use in vehicles that require API CK-4, CJ-4... • ACEA E9, E7 • Mack EOS-4.5, EO-O • Detroit Diesel DFS 93K222, DDC 93K218, 93K215, 93K214 • Caterpillar ECF-3, ECF-2, ECF-1-a • Cummins CES20086, CES20081 • Volvo VDS-4.5, VDS-4, VDS-3 • MB 228.31 • MTU Type 2.1, II, I • MAN 3575 • JASO DH-2 • Renault RLD-4, RLD-3 • Deutz DQC III-10 LA • Allison TES-439 • Chrysler MS 10902 • Ford WSS-M2C171-F1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADOQT	EA	1 Quart	6.15	8.20
ADOQT	CA	12 Quarts	70.25	93.25
ADO1G	EA	1 Gallon	24.15	31.80
ADO1G	CA	4 Gallons	92.00	121.00
ADOTP	EA	(1) 2.5 Gallon	59.30	78.05
ADOTP	CA	(2) 2.5 Gallons	112.90	148.60

15W-40

Use in vehicles that require API CK-4, CJ-4... • ACEA E9, E7 • Mack EOS-4.5, EO-O • Detroit Diesel DFS 93K222, DDC 93K218, 93K215, 93K214 • Caterpillar ECF-3, ECF-2, ECF-1-a • Cummins CES20086, CES20081 • Volvo VDS-4.5, VDS-4, VDS-3 • MB 228.31 • MTU Type 2.1, II, I • MAN 3575 • JASO DH-2 • Renault RLD-4, RLD-3 • Deutz DQC III-10 LA • Allison TES-439 • Chrysler MS 10902 • Ford WSS-M2C171-F1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADPQT	EA	1 Quart	5.90	7.80
ADPQT	CA	12 Quarts	67.30	88.85
ADP1G	EA	1 Gallon	23.10	30.35
ADP1G	CA	4 Gallons	88.00	115.50
ADPTP	EA	(1) 2.5 Gallon	56.65	74.30
ADPTP	CA	(2) 2.5 Gallons	107.90	141.45

CI-4+ Synthetic Diesel Oils

Provide outstanding protection for on- and off-road diesel applications not equipped with diesel particulate filters (DPFs), where extra TBN is desired for long service intervals.

Series 3000 5W-30 Synthetic Heavy Duty Diesel Oil

Use in vehicles that require API CI-4+/SL... • Global DHD-1 • ACEA A3/B3, E2, E3, E5, E7 • JASO DH-1 • Mack EO-M, EO-N • DDC 93K214 • Caterpillar ECF-1-a, ECF-2 • Cummins CES 20076, 20077, 20078 • Volvo VDS-3, VDS-2 • MB 228.1, 228.3, 229.1 • MAN 271, 3275 • MTU Type II

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
HDDQT	EA	1 Quart	10.00	13.15
HDDQT	CA	12 Quarts	114.05	149.95
HDD1G	EA	1 Gallon	39.30	51.35
HDD1G	CA	4 Gallons	149.55	195.55
HDDTP	EA	(1) 2.5 Gallon	97.05	—
HDDTP	CA	(2) 2.5 Gallons	184.80	—

15W-40 Synthetic Heavy Duty Diesel and Marine Oil

Use in vehicles that require API CI-4+/SL... • Global DHD-1 • ACEA A3/B3, E2, E3, E5, E7 • JASO DH-1 • Mack EO-M, EO-N • DDC 93K214 • Caterpillar ECF-1-a, ECF-2 • Cummins CES 20076, 20077, 20078 • Volvo VDS-3, VDS-2 • MB 228.1, 228.3, 229.1 • MAN 271, 3275 • MTU Type II

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AMEQT	EA	1 Quart	8.50	11.15
AMEQT	CA	12 Quarts	96.90	127.30
AME1G	EA	1 Gallon	33.25	43.50
AME1G	CA	4 Gallons	126.65	165.70
AMETP	EA	(1) 2.5 Gallon	82.05	107.30
AMETP	CA	(2) 2.5 Gallons	156.20	204.35

Premium Protection Synthetic Motor Oil

Ideal for gasoline engines and diesel applications not equipped with diesel particulate filters (DPF), where the extra protection of a high-zinc and TBN formula is desired.

10W-40

Use in vehicles that require API CI-4+/SL... • ISO-L-EMA • Caterpillar ECF-1 • JASO MA (Motorcycle) • MAN 271/3275 • MTU Type 2 • Cummins 20071/20072/20076/20077 • Volvo VDS-2, VDS • Mack EO-M+ • ACEA A3/B3/E3/E5 • MB 228.1, 228.3, 229.1 • Detroit Diesel 93K214

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AMOQT	EA	1 Quart	9.05	11.75
AMOQT	CA	12 Quarts	103.20	134.20
AMO1G	EA	1 Gallon	35.50	—
AMO1G	CA	4 Gallons	135.05	—
AMOTP	EA	(1) 2.5 Gallon	87.55	—
AMOTP	CA	(2) 2.5 Gallons	166.70	—

20W-50

Use in vehicles that require API CI-4+/SL... • ISO-L-EMA • Caterpillar ECF-1 • JASO MA (Motorcycle) • MAN 271/3275 • MTU Type 2 • Cummins 20071/20072/20076/20077 • Volvo VDS-2, VDS • Mack EO-M+ • ACEA A3/B3/E3/E5 • MB 228.1, 228.3, 229.1 • Detroit Diesel 93K214

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AROQT	EA	1 Quart	9.15	11.90
AROQT	CA	12 Quarts	104.45	135.45
ARO1G	EA	1 Gallon	35.90	—
ARO1G	CA	4 Gallons	136.75	—

¹than required by the Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222 using 10W-30 as worst-case representation.

Synthetic Transmission Fluid



Signature Series Synthetic ATF

Provides reserve protection in fleet vehicles, work trucks and other severe-service applications that quickly break down other lubricants.

● Multi-Vehicle¹⁷

Use in applications that require Allison C-4, TES-389 - BMW 7045E, 8072B, LA 2634, LT 71141 - Chrysler ATF+4, Mopar ASRC, 68089195AA, 68049954AA - Ford MERCON, MERCON V, ESP-M2C166-H, FNR5, M2C924-A, XL-12 - GM DEXRON II, DEXRON III, AutoTrak II - Honda/Acura ATF-Z1 - Hyundai/Kia SP-II, SP-III, Red-1 - IDEMITSU K17 - JASO 1A - JWS 3309, 3314, 3317 - MAN 339 Type V-1, 339 Type V-2, 339 Type Z-1, 339 Type Z-2, 339 Type Z-3, 339F - Mazda ATF-M III, ATF-MV, F-1 - Mercedes Benz 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.9, 236.10, 236.11, 236.81, 236.91 - Mitsubishi SP-II, SP-III, ATF-J2 - Nissan Matic-D, Matic-J, Matic-K, 402 - Saab 3309 - Shell 3403, LA 2634 - Subaru ATF, ATF-HP - Suzuki 3314, 3317 - Texaco ETL-7045E, ETL-8072B, N402 - Toyota Type T, T-II, T-III, T-IV - Voith 55.6335, 55.6336 - Volvo 97340, 97341 - VW/Audi G 052 162, G 052 990, G 055 025 - ZF TE-ML 03D, 04D, 05L, 09, 11A, 11B, 14A, 14B, 14C, 16L, 16M, 17C, 20B, 20C, 21L

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ATFQT	EA	1 Quart	11.45	14.45
ATFQT	CA	12 Quarts	130.45	165.10
ATFPK	EA	1 Quart Easy-Pack	13.00	16.45
ATFPK	CA	12 Quart Easy-Packs	148.15	187.75
ATF1G	EA	1 Gallon	45.00	-
ATF1G	CA	4 Gallons	171.40	-
ATFTP	EA	(1) 2.5 Gallon	111.40	139.85
ATFTP	CA	(2) 2.5 Gallons	212.10	266.30

● Fuel-Efficient¹⁷

Provides the same benefits as AMSOIL Multi-Vehicle Synthetic Automatic Transmission Fluid in a fuel-efficient formulation engineered to exceed the requirements of original equipment manufacturers (OEMs) specifying low-viscosity oil.

Use in applications that require Aisin-Warner AW-1 - BMW 83 22 0 142 516, 83 22 2 152 426 - Chrysler Mopar 68157995AA, SP-IV, 68218925AB - DSIH 6p805 - Ford MERCON LV, SP - GM DEXRON HP, DEXRON VI - Honda/Acura DW-1, Type 3.0 - Hyundai/Kia SP-IV, SPH-IV, SP-IV-RR, NWS-9638, SP4-M - JASO 1A-LV - JWS 3324 - Mercedes Benz 236.12, 236.14, 236.15, 236.41 - Mitsubishi SP-IV, ATF J3, ATF-PA - Nissan Matic-S, Matic-W - Saab 93 165 147 - Shell M-1375.4, M-1375.5, M-1375.6, M-L 12108 - Toyota WS - Volvo 31256774 - VW/Audi G 055 005, G 055 162, G 060 162 - ZF S671 090 255

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ATLQT	EA	1 Quart	11.85	15.45
ATLQT	CA	12 Quarts	135.00	176.40
ATLPK	EA	1 Quart Easy-Pack	13.50	17.65
ATLPK	CA	12 Quart Easy-Packs	153.95	201.60
ATL1G	EA	1 Gallon	46.60	-
ATL1G	CA	4 Gallons	177.45	-
ATLTP	EA	(1) 2.5 Gallon	115.40	149.30
ATLTP	CA	(2) 2.5 Gallons	219.75	284.35

OE Synthetic ATF

Resists wear and provides smooth shifts in passenger-car/light-truck automatic transmissions.

● Multi-Vehicle¹⁷

Use in applications that require Allison C-4, TES-389 - BMW 7045E, 8072B, LA 2634, LT 71141 - Chrysler ATF+4, Mopar ASRC, 68089195AA, 68049954AA - Ford MERCON, MERCON V, ESP-M2C166-H, FNR5, M2C924-A, XL-12 - GM DEXRON II, DEXRON III, AutoTrak II - Honda/Acura ATF-Z1 - Hyundai/Kia SP-II, SP-III, Red-1 - IDEMITSU K17 - JASO 1A - JWS 3309, 3314, 3317 - MAN 339 Type V-1, 339 Type V-2, 339 Type Z-1, 339 Type Z-2, 339F - Mazda ATF-M III, ATF-MV, F-1 - Mercedes Benz 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.9, 236.10, 236.11, 236.81, 236.91 - Mitsubishi SP-II, SP-III, ATF-J2 - Nissan Matic-D, Matic-J, Matic-K, 402 - Saab 3309 - Shell 3403, LA 2634 - Subaru ATF, ATF-HP - Suzuki 3314, 3317 - Texaco ETL-7045E, ETL-8072B, N402 - Toyota Type T, T-II, T-III, T-IV - Voith 55.6335, 55.6336 - Volvo 97340, 97341 - VW/Audi G 052 162, G 052 990, G 055 025 - ZF TE-ML 03D, 04D, 05L, 09, 11A, 11B, 14A, 14B, 16L, 17C, 20B, 21L

¹⁷AMSOIL warrants the use of this product for Chrysler ATF+4 applications above -38°F. Product does not meet the cold temperature requirement of ATF+4 at -40°F. For warranty information, visit www.amsoil.com/warranty.aspx.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
OTFQT	EA	1 Quart	7.45	9.80
OTFQT	CA	12 Quarts	85.05	111.55
OTF1G	EA	1 Gallon	29.35	-
OTF1G	CA	4 Gallons	111.75	-
OTFTP	EA	(1) 2.5 Gallon	72.25	94.20
OTFTP	CA	(2) 2.5 Gallons	137.55	179.35

● Fuel-Efficient¹⁷

Provides the same benefits as AMSOIL OE Multi-Vehicle Synthetic Automatic Transmission Fluid in a fuel-efficient formulation engineered to exceed the requirements of original equipment manufacturers (OEMs) specifying low-viscosity oil.

Use in applications that require Aisin-Warner AW-1 - BMW 83 22 0 142 516, 83 22 2 152 426 - Chrysler Mopar 68157995AA, SP-IV, 68218925AB - DSIH 6p805 - Ford MERCON LV - GM DEXRON VI - Honda/Acura DW-1, Type 3.0 - Hyundai/Kia SP-IV, SPH-IV, SP-IV-RR, NWS-9638, SP4-M - JASO 1A-LV - JWS 3324 - Mercedes Benz 236.12, 236.14, 236.15, 236.41 - Mitsubishi SP-IV, ATF J3, ATF-PA - Nissan Matic-S, Matic-W - Saab 93 165 147 - Shell M-1375.4, M-1375.5, M-1375.6, M-L12108 - Toyota WS - Volvo 31256774 - VW/Audi G 055 005, G 055 162, G 060 162 - ZF S671 090 255

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
OTLQT	EA	1 Quart	7.25	9.55
OTLQT	CA	12 Quarts	82.70	109.00
OTL1G	EA	1 Gallon	28.55	-
OTL1G	CA	4 Gallons	108.60	-
OTLTP	EA	(1) 2.5 Gallon	70.20	92.20
OTLTP	CA	(2) 2.5 Gallons	133.65	175.60

¹⁷See page 43 for Proposition 65 information for this product.

“Changed out the transmission fluid in my GMC* 2500 with the AMSOIL OE. The difference is noticeable with how smooth the truck shifts. Great product.”

— Jimmy
Upstate NY



○ Synthetic CVT Fluid

Provides outstanding protection and performance for continuously variable transmissions (CVT) throughout original equipment manufacturer (OEM)-recommended drain intervals.

Use in belt- and chain-type CVTs that require BMW EZL 799A (8322 0 136 376 /8322 0 429 154) • Daihatsu Amix CVTF-DG, CVTF-DFE • FCA Mopar CVTF +4 (Mopar CVT 4) • Ford M2C928-A (CFT 23), WSS-M2C933-A (CFT 30, Motorcraft XT-7-OCFT), MERCON C • GM DEX-CVT, GM CVT (CVTF I-Green2) • Honda HMMF (08200-9006), HCF-2 • Hyundai/Kia SP-CVT 1 • Mazda CVTF 3320 • Mercedes Benz 236.20 (001 989 46 03) • Mitsubishi CVTF-J1, CVTF-J4 • Nissan NS-1, NS-2, NS-3 • Subaru e-CVT, i-CVT F, Lineartronic CV-30, Lineartronic CVTF/CVT-II (K0425Y0710), High Torque CVTF • Suzuki CVT Fluid Green 1, CVT Fluid Green 2 (NS-2), CVTF 3320 (TC) • Toyota/Lexus TC, FE • VW/Audi TL 52180 (G 052 180), TL 52516 (G 052 516)

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
CVTQT	EA	1 Quart	10.85	14.20
CVTQT	CA	12 Quarts	123.80	161.95
CVT1G	EA	1 Gallon	42.70	-
CVT1G	CA	4 Gallons	162.55	-

○ 100% Synthetic DCT Fluid

Designed to protect high-tech dual-clutch transmissions during the most intense, high-heat operating conditions.

Use in applications that require BMW 83 22 2 148 578, 83 22 2 148 579, 83 22 0 440 214, 83 22 2 147 477, DCTF-1, MTF-LT-5 • Chrysler 68044345 • Citroen/Peugeot 9734.S2 • Ferrari/Shell TF DCTF-3 • Fiat BOT 341 • Ford WSS-M2C936-A, WSS-M2C100-D2, XT-11-QDC • Mercedes Benz 236.21, 236.25 • Mitsubishi Dia-Queen SSTF-I • Nissan GT-R Transmission Oil R35 Special • Pentosin FFL-2, FFL-3, FFL-4 • Porsche 999.917.080.00, 043 207 29, 043 207 30, 000 430 20 • Renault BOT 450 • Volvo 1161838, 1161839 • VW/Audi G 052 182, G 052 529, TL 521 82

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DCTQT	EA	1 Quart	17.05	22.70
DCTQT	CA	12 Quarts	194.40	258.95

○ Synthetic Manual Transmission and Transaxle Gear Lube¹⁵

Provides improved internal component protection. Formulated with extreme-pressure additives and advanced frictional qualities that provide smooth shifts while protecting gears, bearings and seals. Non-corrosive to yellow metals.

Use in applications that require API GL-4 • ZF TE-ML 02B, 17A, MB 235.5 & MAN 341-Z2 (formerly MAN 341 ML) • Synchronized manual transmissions and transaxles that require 75W-85, 75W-90 or 80W-90 API GL-4 Gear Lube • NV 4500 Transmissions • GM Part #12346190 • Chrysler Part #4874459 • Chrysler Spec MS-9070 • Certain Hyundai, Hino, Infiniti, Kia, Lexus, Mazda, Mitsubishi, Nissan, Suzuki, Toyota & Volkswagen models requiring GL-4

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MTGQT	EA	1 Quart	14.35	18.25
MTGQT	CA	12 Quarts	163.50	208.55
MTGPK	EA	1 Quart Easy-Pack	15.95	20.35
MTGPK	CA	12 Quart Easy-Packs	182.05	232.50
MTG05	EA	(1) 5-gal. Pail	267.25	339.65

○ Synthetic Synchronesh Transmission Fluid

Specifically designed to deliver smooth shifts and superior wear protection in manual transmissions and transaxles with synchronizers.

Use in applications that require New Venture NV T350, NV1500, NV2500, NV3500, NV3550 & NV5600 • Tremec T4, T5, T18, T56, T176, TK0500, TK0600, TR3550 (GM Vehicles) & TR3450 • Honda Genuine MTF • GM Part #12345349, #12345577, #12377919 & #1052931 • Chrysler Part #4874464 & #4874465 • GM Specs #9985648, #9986105 & #9985535 • Chrysler Specs MS-9224 & MS-9417 • MTF-94 & Texaco MTX Fluids

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MTFQT	EA	1 Quart	12.30	15.75
MTFQT	CA	12 Quarts	140.50	179.55
MTF05	EA	(1) 5-gal. Pail	228.90	290.35

○ Super Shift[®] Synthetic Racing Transmission Fluid¹⁷

Formulated to prevent slippage and reduce heat in high-performance, high-horsepower vehicles.

Use in transmissions that require Allison C-4 • Ford Type F

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ARTQT	EA	1 Quart	11.15	14.10
ARTQT	CA	12 Quarts	126.95	160.65

○ Torque-Drive[®] Synthetic Heavy-Duty ATF¹⁷

Premium fluid designed for use in both on- and off-highway heavy-duty equipment.

Use in transmissions that require Allison C-4, TES-295, TES-389; Ford MERCON® V; GM DEXRON® III; Isuzu SCS; MAN 339 Type V-1, 339 Type V-2, 339 Type Z-1, 339 Type Z-2, 339 Type Z-3, 339F; MB 236.91, 236.10; Voith 55.6335, 55.6336; Volvo 97340, 97341; ZF TE-ML 03D, TE-ML 04D, TE-ML 14A, TE-ML 14B, TE-ML 14C, TE-ML 17C, TE-ML 20B, TE-ML 20C

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ATD1G	EA	1 Gallon	45.45	59.45
ATD1G	CA	4 Gallons	173.05	226.40
ATDTP	EA	(1) 2.5 Gallon	112.50	-
ATDTP	CA	(2) 2.5 Gallons	214.20	-

○ Synthetic Tractor/Hydraulic Transmission Oil¹³

Formulated for combinations of transmissions, hydraulic systems, final drives, power take-off systems and wet brakes in heavy-duty farm and industrial equipment as well as commercial and residential lawn tractors.

Use in hydraulic systems that require SAE 5W-30

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ATHQT	EA	1 Quart	9.25	11.65
ATHQT	CA	12 Quarts	105.40	132.95
ATH05	EA	(1) 5-gal. Pail	170.40	213.30

^{13,15,17}See page 43 for Proposition 65 information for this product.

Synthetic Gear Lube



SEVERE GEAR® Synthetic Gear Lube

Specifically engineered for high-demand applications, including trailer towing, heavy hauling, 4x4 off-road driving, commercial use and racing. Flexible easy-pack helps you access tough-to-reach fill holes and eliminates the need for a pump. **Delivers 20% more cold-temperature protection than required by ASTM D2983.**

● 75W-90

Use in differentials that require API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J • Dana SHAES 234 (Eaton PS-037)

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
SVGQT	EA	1 Quart	13.90	17.55
SVGQT	CA	12 Quarts	158.65	200.35
SVGPK	EA	(1) Quart Easy-Pack	13.90	17.55
SVGPK	CA	(12) Quart Easy-Packs	158.65	200.35
SVG05	EA	(1) 5-gal. Pail	249.90	326.75

○ 80W-90

Use in differentials that require API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J • Dana SHAES 234 (Eaton PS-037)

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AGLQT	EA	1 Quart	10.05	12.65
AGLQT	CA	12 Quarts	114.35	144.30
AGLPK	EA	1 Quart Easy-Pack	11.65	14.70
AGLPK	CA	12 Quart Easy-Packs	132.75	167.60
AGL05	EA	(1) 5-gal. Pail	176.15	230.35

● 75W-110

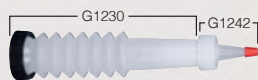
Use in differentials that require API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J • Dana SHAES 234 (Eaton PS-037)

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
SVTQT	EA	1 Quart	14.35	18.20
SVTQT	CA	12 Quarts	163.80	207.90
SVTPK	EA	1 Quart Easy-Pack	16.05	20.40
SVTPK	CA	12 Quart Easy-Packs	183.30	233.10
SVT05	EA	(1) 5-gal. Pail	258.60	338.00

● 75W-140

Use in differentials that require API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J • Dana SHAES 234 (Eaton PS-037)

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
SVOQT	EA	1 Quart	15.55	20.15
SVOQT	CA	12 Quarts	177.70	229.95
SVOPK	EA	(1) Quart Easy-Pack	15.55	20.15
SVOPK	CA	(12) Quart Easy-Packs	177.70	229.95
SVO05	EA	(1) 5-gal. Pail	281.70	368.25



Easy Installation

PRODUCT	STOCK#	U.S. P.C.	CAN. P.C.
Hand Pump	G2039	10.45	13.90
Flexible Pour Spout	G1230	0.70	0.95
Nozzle Dispenser Caps (6)	G1242	1.15	1.55

● Slip Lock® Differential Additive²¹

Designed to eliminate gear-housing chatter in cars, trucks and SUVs equipped with limited-slip differentials.

Note: AMSOIL synthetic gear lubes do not require the use of this additive. However, not all differentials respond the same and if chatter is noticed, the addition of AMSOIL Slip Lock will eliminate it.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADATB	EA	(1) 4-oz. Tube	7.30	9.60
ADATB	CA	(12) 4-oz. Tubes	83.30	109.65

SEVERE GEAR® EP Synthetic Racing Gear Lube

Engineered specifically for the demands of severe racing conditions, including off-road truck racing, rock racing, rock crawling, tractor pulling, funny car racing and dragster racing applications.

● SAE 190¹⁷

Use in differentials that require API GL-5/MT-1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
SRNQT	EA	1 Quart	14.65	18.70
SRNQT	CA	12 Quarts	167.15	213.60
SRN05	EA	(1) 5-gal. Pail	273.30	348.20

● SAE 250¹⁷

Use in differentials that require API GL-5/MT-1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
SRTQT	EA	1 Quart	14.65	18.70
SRTQT	CA	12 Quarts	167.15	213.60
SRT05	EA	(1) 5-gal. Pail	273.30	348.20

Long Life Synthetic Gear Lube

Specifically engineered for extended drain intervals up to 500,000 miles (804,672 km) as set by equipment manufacturers for over-the-road trucks and heavy equipment.

● 75W-90¹³

Use in differentials that require API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J+ • Dana SHAES 256 (Eaton PS-163)

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
FGRQT	EA	1 Quart	12.10	14.75
FGRQT	CA	12 Quarts	137.85	168.25
FGR1G	EA	1 Gallon	47.70	-
FGR1G	CA	4 Gallons	181.65	-
FGR05	EA	(1) 5-gal. Pail	224.45	271.65

80W-140¹³

Use in differentials that require API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J+ • Dana SHAES 256 (Eaton PS-163)

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
FG005	EA	(1) 5-gal. Pail	214.20	271.70

²¹, ¹⁷, ¹³ See page 43 for Proposition 65 information for this product.

Fuel Additives



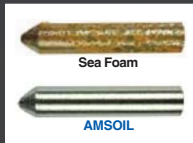
Gasoline Stabilizer

Helps prevent the formation of varnish and sludge in stored seasonal equipment such as snowmobiles, lawnmowers, motorcycles and boats.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ASTCN	EA	(1) 16-oz. Bottle	10.00	13.10
ASTCN	CA	(6) 16-oz. Bottles	57.05	74.70

AMSOIL Fights Corrosion

AMSOIL provides corrosion protection Sea Foam® Motor Treatment can't match, helping maintain power and performance and keeping metal looking like new even when subjected to salt water.*



*Based upon independent testing of AMSOIL Gasoline Stabilizer obtained Nov. 8, 2018 and Sea Foam Motor Treatment purchased Oct. 25, 2018 in a modified NACE TM0172 using synthetic sea water per ASTM D665 part B.

Upper Cylinder Lubricant¹³

Lubricates fuel system and upper cylinders. Fights ethanol-related corrosion. Helps keep injectors clean. Bottle compatible with capless fuel systems. Use entire bottle at every fill-up.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
UCLCN	EA	(1) 6-oz. Bottle	3.65	4.85
UCLCN	CA	(12) 6-oz. Bottles	41.60	55.25

P.I. Performance Improver¹³

Concentrated detergent aggressively cleans stubborn, power-robbing deposits from injectors, valves and the combustion chamber in passenger cars and light trucks. Bottle compatible with capless fuel systems.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
APICN	EA	(1) 12-oz. Bottle	10.65	13.50
APICN	CA	(12) 12-oz. Bottles	121.25	153.75

Quickshot®

Effectively addresses performance issues related to ethanol, water and dirty pump gas in two- and four-stroke gasoline-powered engines and powersports equipment fuel systems, restoring peak performance.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AQSCN	EA	(1) 8-oz. Bottle	7.85	10.30
AQSCN	CA	(6) 8-oz. Bottles	44.75	58.60

DOMINATOR® Octane Boost²¹

Improves the performance of all two- and four-stroke gasoline-fueled engines.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AOBBE	EA	(1) 12-oz. Bottle	8.55	11.00
AOBBE	CA	(6) 12-oz. Bottles	48.70	62.70

Diesel Recovery²¹

Emergency diesel fuel treatment that liquefies gelled diesel fuel and thaws frozen fuel filters. Keep a bottle on hand for emergencies.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DRCQT	EA	(1) 30-oz. Bottle	11.50	15.00
DRCQT	CA	(12) 30-oz. Bottles	131.05	171.40



Diesel Cold Flow¹⁷

Effectively modifies wax crystal formation at low temperatures to depress diesel fuel pour point and improve cold-flow filtration properties. Lowers cold filter-plugging point (CFPP) by up to 40°F (22°C) in ultra-low-sulfur diesel (ULSD).

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ADD05	EA	(1) 16-oz. Bottle	7.15
ADD05	CA	(12) 16-oz. Bottles	81.20
ADD05	EA	(1) 5-gal. Pail	200.55

Diesel Cetane Boost

Raises the cetane number of diesel fuel up to eight points for maximum horsepower, increased fuel economy and easier starts in all diesel engines. Diesel engines operate best on fuel with cetane values of 50 or higher. Most diesel fuel sold in North America has a cetane value of 40-45.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ACBCN	EA	(1) 16-oz. Bottle	7.25	9.65
ACBCN	CA	(12) 16-oz. Bottles	82.70	110.25
ACBHG	EA	(1) 64-oz. Bottle	23.45	--
ACBHG	CA	(6) 64-oz. Bottles	133.90	--
ACB05	EA	(1) 5-gal. Pail	200.40	266.65

Diesel Injector Clean¹⁹

Targets traditional nozzle deposits, combustion chamber deposits and internal diesel injector deposits found in HPCR injectors. Lubricates to reduce fuel pump and injector wear. Concentrated for rapid results, maximum horsepower and up to 8 percent increased fuel economy in engines with accumulated deposits.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADFPN	EA	(1) 8-oz. Bottle	3.75	--
ADFPN	CA	(6) 8-oz. Bottles	21.35	--
ADFCN	EA	(1) 16-oz. Bottle	6.65	8.85
ADFCN	CA	(12) 16-oz. Bottles	75.45	100.80
ADFHG	EA	(1) 64-oz. Bottle	21.85	--
ADFHG	CA	(6) 64-oz. Bottles	124.60	--
ADF05	EA	(1) 5-gal. Pail	181.40	241.40

Diesel Injector Clean + Cetane Boost²¹

Combines the superior deposit-removing properties of Diesel Injector Clean with the cetane-boosting benefits of Diesel Cetane Boost in one convenient package.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADSPN	EA	(1) 8-oz. Bottle	4.10	--
ADSPN	CA	(6) 8-oz. Bottles	23.20	--
ADSCN	EA	(1) 16-oz. Bottle	10.45	13.85
ADSCN	CA	(12) 16-oz. Bottles	119.40	158.15
ADSHG	EA	(1) 64-oz. Bottle	34.30	--
ADSHG	CA	(6) 64-oz. Bottles	195.85	--
ADS05	EA	(1) 5-gal. Pail	298.50	395.55

Diesel All-In-One²⁵

Combines the superior deposit-removing properties of Diesel Injector Clean, the excellent anti-gelling properties of Diesel Cold Flow and the cetane-boosting benefits of Diesel Cetane Boost in one convenient package. Protects against injector wear better than Sea Foam®, delivering 2X more diesel fuel lubricity[†]

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADBPCN	EA	(1) 8-oz. Bottle	4.80	--
ADBPCN	CA	(6) 8-oz. Bottles	27.15	--
ADBCN	EA	(1) 16-oz. Bottle	8.55	11.40
ADBCN	CA	(12) 16-oz. Bottles	97.35	129.80
ADBHG	EA	(1) 64-oz. Bottle	29.50	--
ADBHG	CA	(6) 64-oz. Bottles	168.40	--
ADB05	EA	(1) 5-gal. Pail	254.40	338.05

Superior Cold-Temperature Protection

AMSOIL Diesel All-In-One provides as much as **32°F better protection** against cold-temperature gelling than Howes® Lubricator Diesel Treat.™ Plus raises cetane up to 4 points.

[†]Based on independent testing in July 2017 of AMSOIL Diesel All-In-One and Howes Lubricator Diesel Treat using diesel fuel representative of the U.S. marketplace and Howes' recommended treat ratio for above 0°F.

Extended Filter Life

- AMSOIL Oil Filters designated with product code EA15K are recommended for 15,000 miles (24,100 km) or one year, whichever comes first, in normal or severe service. NOTE: Change oil filter at every oil change.
- AMSOIL Oil Filters designated with product code EAO are recommended for 25,000 miles (40,200 km) or one year, whichever comes first, in normal service or 15,000 miles (24,100 km) or one year, whichever comes first, in severe service. NOTE: Change oil filter at every oil change.
- When AMSOIL Oil Filters are used with a motor oil other than AMSOIL motor oil, the filter should be changed according to the vehicle manufacturer's recommendation.

Oil Filters

AMSOIL Oil Filters rank among the highest efficiency filters available to the auto/light-truck and powersports markets, providing a filtering efficiency of 99 percent at 20 microns. Featuring advanced full-synthetic technology, AMSOIL Oil Filters provide greater efficiency, capacity and durability than cellulose filters, extending engine and filter life and reducing engine wear. Easy-grip coating eases the job of tightening and loosening filters. Call 1-800-777-7094 (Monday-Friday, 7 a.m.- 7 p.m. Central Time) or look up your vehicle at amsoil.com to determine the appropriate filter for each application.



Oil Filters

STOCK#	UNITS	U.S. P.C.	CAN. P.C.	STOCK#	UNITS	U.S. P.C.	CAN. P.C.
EA15K01	EA	16.80	22.25	EA15K32	EA	14.60	19.45
EA15K02	EA	17.10	22.60	EA034	EA	15.40	20.45
EA15K03	EA	15.65	20.70	EA15K35	EA	14.70	19.60
EA15K04	EA	16.30	21.55	EA15K37	EA	12.60	16.80
EA15K05	EA	15.75	20.90	EA15K38	EA	11.55	15.35
EA15K07	EA	11.55	15.35	EA15K39	EA	19.95	26.45
EA15K08	EA	17.35	22.90	EA042	EA	15.00	19.80
EA15K09	EA	15.60	20.70	EA15K43	EA	16.80	22.25
EA011	EA	14.35	19.05	EA15K49	EA	20.50	27.20
EA15K12	EA	14.05	18.65	EA15K50	EA	13.60	18.10
EA15K13	EA	14.80	19.60	EA15K51	EA	14.05	18.60
EA015	EA	15.50	20.60	EA052	EA	15.60	20.65
EA15K16	EA	14.70	19.60	EA15K53	EA	13.15	17.40
EA017	EA	14.20	18.75	EA15K54	EA	18.90	25.00
EA15K19	EA	14.70	19.60	EA055	EA	21.00	27.90
EA15K20	EA	15.40	20.35	EA059	EA	15.15	20.15
EA023	EA	14.35	19.05	EA064	EA	14.35	19.10
EA024	EA	15.65	20.70	EA080	EA	16.65	22.05
EA026	EA	17.00	22.50	EA15K88	EA	31.30	41.40
EA15K28	EA	14.70	19.60	EA098	EA	25.00	33.10
EA15K29	EA	14.90	19.75	EA099	EA	26.20	34.65

Heavy-Duty Extended-Life Oil Filters

Provide excellent 99 percent filtering efficiency at 20 microns and high contaminant capacity for heavy-duty on- and off-road diesel and gasoline applications. Provide extended service intervals that coincide with the maximum drain intervals of AMSOIL synthetic engine oils.

See www.amsoil.com or call (715) 399-TECH (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for application information.

Bypass Filters

High-efficiency bypass filters effectively remove minute dirt particles and soot. Provide an efficiency rating of 99 percent at two microns.

See www.amsoil.com or call (715) 399-TECH (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for application information.

Ea® Universal Air Induction Filters

Discontinued and available while supplies last.

Fit most popular air intake systems on the market, providing improved cold air intake and excellent efficiency for superior engine protection and performance. Cleanable and remain serviceable for long filter life.

See www.amsoil.com or call (715) 399-TECH (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for application information.



Grease



DOMINATOR® Synthetic Racing Grease

High-performance bearing and chassis lubrication for all race applications on snow, dirt, water and track. Designed for bearings that operate under high-speed, high-heat conditions.

Use in applications that require NLGI No. 2, GC/LB

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GRGCR	EA	(1) 14-oz. Cartridge	10.85	13.55
GRGCR	CA	(10) 14-oz. Cartridges	105.70	131.80

Synthetic Polymeric Off-Road Grease

Extreme-pressure, moly-fortified grease that provides outstanding protection for heavy-load-bearing applications, including steering knuckles, spring shackles, heavy equipment pivot joints and other components operating in high-load, low-speed conditions.

● Synthetic Polymeric Off-Road Grease¹⁶

Use in applications that require NLGI No. 1, 5% Moly

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GPOR1CR	EA	(1) 15-oz. Cartridge	7.85	10.05
GPOR1CR	CA	(10) 15-oz. Cartridges	77.35	99.25

● Synthetic Polymeric Off-Road Grease

Use in applications that require NLGI No. 2, 5% Moly

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GPOR2CR	EA	(1) 15-oz. Cartridge	8.15	10.50
GPOR2CR	CA	(10) 15-oz. Cartridges	80.40	102.90

Synthetic Polymeric Truck, Chassis/Equipment Grease

Delivers excellent wear protection and performance in severe-service, extreme-pressure environments such as axle assemblies, U-joints, pivot pins, fifth-wheel plates, steering linkages, kingpins, water pump bearings, ball joints and other greasable bearings and chassis components.

● Synthetic Polymeric Truck, Chassis/Equipment Grease²⁰

Use in applications that require NLGI No. 1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GPTR1CR	EA	(1) 14-oz. Cartridge	6.55	8.65
GPTR1CR	CA	(10) 14-oz. Cartridges	64.45	85.05

● Synthetic Polymeric Truck, Chassis/Equipment Grease

Use in applications that require NLGI No. 2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GPTR2CR	EA	(1) 14-oz. Cartridge	7.15	9.35
GPTR2CR	CA	(10) 14-oz. Cartridges	70.15	91.90

^{16,20}See page 43 for Proposition 65 information for this product.

Arctic Synthetic Grease

Provides extreme low-temperature pumpability and superior protection for equipment operating in harsh climates where temperatures drop well below freezing.

Use in applications that require NLGI No. 1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GECCR	EA	(1) 15-oz. Cartridge	10.85	14.25
GECCR	CA	(10) 15-oz. Cartridges	105.30	138.60

Synthetic Multi-Purpose Grease

Delivers premium wear protection for bearings, bushings, chassis lubrication and other applications.

Use in applications that require NLGI No. 2 • GC/LB

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GLCCR	EA	(1) 14-oz. Cartridge	6.90	9.05
GLCCR	CA	(10) 14-oz. Cartridges	66.05	86.65
GLC3P	EA	(3) 3-oz. Cartridges	8.50	11.20
GLC3P	CA	(30) 3-oz. Cartridges	81.15	106.60
GLCGN	EA	Grease Gun Kit	30.50	40.30

Synthetic Water-Resistant Grease

Provides outstanding water-washout and spray-off resistance for applications frequently exposed to water, mud, snow or ice.

Use in applications that require NLGI No. 2 • GC/LB

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
GWR3P	EA	(1) 14-oz. Cartridge	7.10	9.30
GWR3P	CA	(10) 14-oz. Cartridges	68.15	89.25
GWR3P	EA	(3) 3-oz. Cartridges	9.10	11.95
GWR3P	CA	(30) 3-oz. Cartridges	86.65	113.95

Synthetic Fifth-Wheel Grease

Heavy-duty grease that provides outstanding protection and performance in the heavily loaded, harsh operating environments of fifth-wheel hitches used in trucking and trailer applications.

Use in applications that require NLGI No. 2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
FWGTB	EA	(1) 10-oz. Tube	7.60	10.05
FWGTB	CA	(12) 10-oz. Tubes	86.10	115.30

Spray Grease

Applies quickly and evenly and is ideal for greasing hard-to-reach equipment, including hinges, springs, industrial chains, latches, slides, winches and other common applications.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
GSPSC	EA	(1) 10-oz. Spray Can	7.30
GSPSC	CA	(12) 10-oz. Spray Cans	82.95

Synthetic ATV/UTV Oil



Formulated to deliver premium protection and performance for hard-working and performance ATVs and UTVs.



Synthetic ATV/UTV Motor Oil

Formulated to provide upgraded performance and protection for hard-working and performance ATVs and UTVs.

● 10W-40

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AUV40QT	EA	1 Quart	9.80	12.80
AUV40QT	CA	12 Quarts	111.55	146.20

● 5W-50

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AUV50QT	EA	1 Quart	10.05	12.75
AUV50QT	CA	12 Quarts	114.70	145.55



● Synthetic ATV/UTV Transmission & Differential Fluid

Use in ATV and UTV transmissions and differentials, including those made by Polaris*, Honda*, Yamaha*, Kawasaki*, Can Am* and Suzuki*.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AUDTQT	EA	1 Quart	11.25	14.40
AUDTQT	CA	12 Quarts	128.40	164.45
AUDTPK	EA	1 Quart Easy-Pack	12.95	16.60
AUDTPK	CA	12 Quart Easy-Packs	147.70	189.65

● Synthetic ATV/UTV Powertrain Fluid¹³

Purpose-built for transmission/differentials and front drives in Polaris* ATVs and UTVs, offering the perfect combination of protection and convenience.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AUPTPK	EA	1 Quart Easy-Pack	11.80	15.45
AUPTPK	CA	12 Quart Easy-Packs	134.80	176.28



ATV/UTV Oil Change Kits

FITMENT INFO:

PK1: ACE* 900, GENERAL* 1000, 2013+ RANGER* 900 & 1000, 2013+ RZR* 900 & 1000

PK2: ATP* 330, 500, Hawkeye* 300, 400, Magnum* 325, 330, 500, RANGER* 400, Model years 2016 and previous - RANGER* 500, Scrambler* 500, 850, 1000, Sportsman* 300, 400, 450, 500, 550, 570, 850, 1000, Trail Blazer* 330, Trail Boss* 325, 330, Xplorer* 500

PK3: ACE* 500, 570, 2017 + RANGER* 500, RANGER* 570, 700, 800, RZR* 570, 800, Sportsman* 600, 700, 800

Contains everything needed to perform an oil change on most Polaris UTVs and ATVs using AMSOIL Synthetic 5W-50 ATV/UTV Motor Oil. See www.amsoil.com or call (715) 399-TECH (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for application information.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
PK1	EA	1 kit	31.50	41.85
PK2	EA	1 kit	27.50	36.55
PK3	EA	1 kit	25.95	34.50

See p. 36 for Synthetic Chaincase & Gear Oil.

¹³ See page 43 for Proposition 65 information for this product.

Photo courtesy of ATV Illustrated

Synthetic Dirt Bike Oil



“Love AMSOIL products. Something I can count on always working even when racing is unpredictable.”

— **CAJO**
Alpine, Utah



Synthetic Dirt Bike Oil

Delivers confidence in clutch feel, maximum horsepower and superior wear protection in all types of four-stroke dirt bikes.

● 10W-40

Use in bikes that require JASO MA • API SG, SJ, SH, SL

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DB40QT	EA	1 Quart	10.10	13.20
DB40QT	CA	12 Quarts	115.00	150.60

● 10W-50

Use in bikes that require JASO MA • API SG, SJ, SH, SL

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DB50QT	EA	1 Quart	10.85	14.25
DB50QT	CA	12 Quarts	124.00	162.55

● 10W-60

Use in bikes that require JASO MA • API SG, SJ, SH, SL

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DB60QT	EA	1 Quart	11.15	14.60
DB60QT	CA	12 Quarts	127.30	166.35

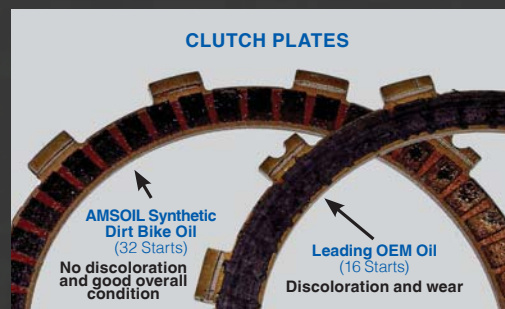
○ Synthetic Dirt Bike Transmission Fluid

Use in two-stroke dirt bike transmissions and the Honda CRF

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DBTFQT	EA	1 Quart	8.70	11.50
DBTFQT	CA	12 Quarts	98.95	131.05

AMSOIL delivers confident clutch feel.

AMSOIL provides excellent clutch protection. How good is it? In extreme simulated-start testing, AMSOIL provided superior wear protection and kept clutch plates looking new.



[†]Based on dyno testing of a Honda CRF450 dirt bike using AMSOIL 10W-40 Synthetic Dirt Bike Oil and a leading original equipment manufacturer 10W-40 conventional dirt bike oil.

Synthetic Motorcycle Oil

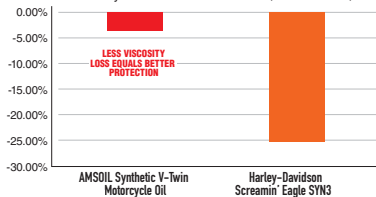


AMSOIL Resists Viscosity Breakdown

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

Viscosity Breakdown

% viscosity loss in the CEC L45-KRL, ASTM D445, test



^{BB}Based on testing of AMSOIL 20W-50 Synthetic V-Twin Motorcycle Oil purchased on 3/19/19 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.



Synthetic V-Twin Motorcycle Oil

● 20W-50

Superior synthetic formulation provides long service life and maximum protection against engine wear in Harley-Davidson*, Buell* and other motorcycle engines, primaries and transmissions.

Use in bikes that require API SG, SL/CF, CG-4 • JASO MA/MA2 • ISO-L-EMA2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MCVQT	EA	1 Quart	10.25	13.40
MCVQT	CA	12 Quarts	116.90	153.10
MCV1G	EA	1 Gallon	40.25	52.65
MCV1G	CA	4 Gallons	153.30	200.55

● SAE 60

Superior synthetic formulation provides long service life and maximum protection against engine wear in big-bore, air-cooled motorcycle engines, including Harley-Davidson Panhead, Shovelhead and Knucklehead.

Use in bikes that require API SG, SL/CF, GL-1 • JASO MA/MA2 • ISO-L-EMA2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MCSQT	EA	1 Quart	11.15	14.15
MCSQT	CA	12 Quarts	126.95	161.30

● 20W-40

Superior synthetic formulation provides long service life and maximum protection against engine wear in Indian* and Victory* motorcycles.

Use in bikes that require API SM • JASO MA • ILSAC GF-4

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MVIQT	EA	1 Quart	10.15	13.30
MVIQT	CA	12 Quarts	115.95	151.85

● 15W-60

Superior synthetic formulation provides long service life and maximum protection against engine wear in Indian and Victory motorcycles.

Use in bikes that require API SM • JASO MA • ILSAC GF-4

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MSVQT	EA	1 Quart	11.40	14.90
MSVQT	CA	12 Quarts	129.95	170.10

● Synthetic V-Twin Transmission Fluid

Helps quiet V-twin transmission noise and enable smooth shifts.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MVTQT	EA	1 Quart	11.50	14.80
MVTQT	CA	12 Quarts	131.05	168.85

● Synthetic V-Twin Primary Fluid

Delivers consistent clutch feel and helps riders easily find neutral.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MVPQT	EA	1 Quart	10.20	13.10
MVPQT	CA	12 Quarts	116.10	149.35

Motorcycle Octane Boost²¹

Increases octane up to three numbers for maximum power and efficiency in motorcycles.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MOBCN	EA	(1) 4-oz. Bottle	4.25	5.60
MOBCN	CA	(12) 4-oz. Bottles	48.25	63.65

V-Twin Oil Change Kits

FITMENT INFO:

HDCK, HDBK: most 1999-2016 Harley-Davidson* motorcycles (HDCK includes chrome filter; HDBK includes black filter).

HDMC, HDMB: most 2017-present Harley-Davidson motorcycles (HDMC includes chrome filter; HDMB includes black filter).

Contains everything needed to perform an oil change on most Harley-Davidson motorcycles, including 20W-50 Synthetic V-Twin Motorcycle Oil, AMSOIL Motorcycle Oil Filter and O-ring.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
HDCK	EA	1 kit	56.30	74.40
HDBK	EA	1 kit	53.50	71.10
HDMC	EA	1 kit	66.55	88.30
HDMB	EA	1 kit	63.75	84.60

Synthetic Metric Motorcycle Oil

● 10W-40

Superior synthetic formulation provides long service life, smooth shifts and maximum protection against engine wear in Can-Am*, Honda*, Yamaha*, Kawasaki*, Triumph*, Suzuki*, BMW* and other motorcycle engines.

Use in bikes that require API SM, SG, SL, CF • JASO MA/MA2 • ISO-L-EMA2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MCFQT	EA	1 Quart	10.25	13.35
MCFQT	CA	12 Quarts	116.90	152.50
MCF1G	EA	1 Gallon	40.25	52.10
MCF1G	CA	4 Gallons	153.30	198.45

● 10W-30

Superior synthetic formulation provides long service life, smooth shifts and maximum protection against engine wear in Honda, Yamaha, Suzuki and Kawasaki motorcycles.

Use in bikes that require API SH, SG, CF • JASO MA/MA2 • ISO-L-EMA2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MCTQT	EA	1 Quart	9.85	12.95
MCTQT	CA	12 Quarts	112.35	147.45

● 15W-50

Superior synthetic formulation provides long service life, smooth shifts and maximum protection against engine wear in Ducati*, BMW, KTM*, Yamaha, Triumph and Royal Enfield* motorcycles.

Use in bikes that require API SM • JASO MA/MA2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
MFFQT	EA	1 Quart	11.10	14.80
MFFQT	CA	12 Quarts	126.75	168.85

Motorcycle Oil Filters

Most efficient filters available for the motorcycle and powersports market. Provide excellent 99 percent filtering efficiency at 20 microns. Available in black or chrome (as available).

See www.amsoil.com or call (715) 399-TECH (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for application information.

²¹See page 43 for Proposition 65 information for this product.

Synthetic 2-Stroke Oil



SABER Professional Fights Carbon
Equipment using SABER Professional was **96% carbon-free**¹³.



¹³Based on spark-arrestor testing.



AIO



● Synthetic 2-Stroke Injector Oil¹³

High-quality, cost-effective oil for the severe operating conditions of two-stroke snowmobiles and outboard motors. Ideal for vintage sleds.

Use in snowmobiles and boat motors that require TC-W3 • API TC

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AIOQT	EA	1 Quart	7.05	9.30
AIOQT	CA	12 Quarts	80.50	105.85
AIO1G	EA	1 Gallon	27.75	35.85
AIO1G	CA	4 Gallons	105.65	136.50

AIT



● INTERCEPTOR[®] Synthetic 2-Stroke Oil¹³

Purpose-built, best-in-class performance for piston protection, cold-temperature pumpability and exhaust power valve cleanliness. Use in snowmobiles, including those made by Ski-Doo[®], Polaris[®] and Arctic Cat[®].

Use in snowmobiles that require API TC

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AITQT	EA	1 Quart	9.30	12.10
AITQT	CA	12 Quarts	105.85	138.00
AIT1G	EA	1 Gallon	36.40	46.95
AIT1G	CA	4 Gallons	138.60	178.75

TDR



● DOMINATOR[®] Synthetic 2-Stroke Racing Oil¹³

Delivers outstanding wear protection in high-horsepower and modified racing applications, including snowmobiles, motorcycles, ATVs, personal watercraft, go-carts and outboard motors.

Use in snowmobiles that require API TC

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
TDRQT	EA	1 Quart	9.75	12.65
TDRQT	CA	12 Quarts	111.05	144.30
TDR1G	EA	1 Gallon	38.25	49.20
TDR1G	CA	4 Gallons	145.55	187.35

ATP



● SABER[®] Professional Synthetic 2-Stroke Oil¹³

Provides superior protection for handheld two-stroke equipment at any mix ratio up to 100:1, offering the ultimate in convenience.

Use in power equipment that requires ISO-L-EGD • API TC • JASO FD

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ATPPK	EA	(1) 1.5-oz. Pillow Pack	1.20	-
ATPPK	CA	(48) 1.5-oz. Pillow Packs	53.25	-
ATPTS	EA	(1) 2.6-oz. Bottle	2.00	-
ATPTS	CA	(12) 2.6-oz. Bottles	22.35	-
ATPBA	EA	(1) 3.5-oz. Bottle	2.10	-
ATPBA	CA	(12) 3.5-oz. Bottles	24.00	-
ATPSF	EA	(1) 6.4-oz. Bottle	3.30	4.45
ATPSF	CA	(12) 6.4-oz. Bottles	37.35	50.40
ATPBC	EA	(1) 8-oz. Bottle	4.00	4.95
ATPBC	CA	(12) 8-oz. Bottles	45.55	56.10
ATPTE	EA	(1) 12.8-oz. Bottle	6.20	-
ATPTE	CA	(12) 12.8-oz. Bottles	70.80	-
ATPQT	EA	1 Quart	10.10	12.75
ATPQT	CA	12 Quarts	115.30	145.55
ATP1G	EA	1 Gallon	39.70	-
ATP1G	CA	4 Gallons	151.20	-

○ Synthetic Chaincase & Gear Oil

Superior protection for enclosed chains and gears found in snowmobiles, ATVs, UTVs and general equipment.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
TCCCN	EA	(1) 16-oz. Bottle	8.75	11.40
TCCCN	CA	(6) 16-oz. Bottles	49.95	64.90
TCC05	EA	(1) 5-gal. Pail	201.50	257.80

¹³See page 43 for Proposition 65 information for this product.

TCC



Synthetic 4-Stroke Oil

Commercial-Grade Synthetic Oil for Small Engines

AMSOIL Synthetic Small-Engine Oil provides excellent all-season protection and performance in a large variety of small engines:

- Zero-Turn Mowers
- Riding and Push Lawnmowers
- Snowblowers
- Generators
- Pumps
- Welders
- Skid-Steers
- Compressors
- And More



AFF



AES



ASE



ASF



AHF



ASO



ABC

● Formula 4-Stroke® Power Sports Synthetic Motor Oil

Specially formulated for four-stroke recreational motors, including ATVs and snowmobiles.

Use in ATVs and snowmobiles that require API SG, SJ, SL/CF • JASO MA/MA2 • ISO-L-EMA2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AFFQT	EA	1 Quart	10.35	13.55
AFFQT	CA	12 Quarts	118.00	154.35

Synthetic Small-Engine Oil

Helps preserve engine power, reduce oil consumption and reduce maintenance in small engines used in severe service.

Use in equipment that requires API SL, SJ, SH, SG • API CF, CD • JASO MA/MA2

○ 5W-30

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AESQT	EA	1 Quart	7.35	9.65
AESQT	CA	12 Quarts	83.95	110.25

● 10W-30

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ASEQT	EA	1 Quart	7.35	9.65
ASEQT	CA	12 Quarts	83.95	110.25
ASE1G	EA	1 Gallon	28.75	—
ASE1G	CA	4 Gallons	109.45	—

● 10W-40

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ASFQT	EA	1 Quart	7.50	10.20
ASFQT	CA	12 Quarts	85.55	116.55
ASF1G	EA	1 Gallon	29.30	—
ASF1G	CA	4 Gallons	111.55	—

● 20W-50 Zero-Turn Synthetic Hydrostatic Transmission Fluid¹³

Fights wear to deliver smooth control and responsive power in zero-turn hydrostatic mowers.

Use in hydrostatic transmissions that require 15W-50 or 20W-50 oil recommended for API SM, SL, SJ, SH or SG.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AHFQT	EA	1 Quart	9.45	12.75
AHFQT	CA	12 Quarts	107.45	145.55
AHF1G	EA	1 Gallon	36.95	—
AHF1G	CA	4 Gallons	140.70	—

● Formula 4-Stroke® Synthetic Scooter Oil¹³

Formulated specifically to meet the special needs of today's high-tech air- and water-cooled four-stroke motorized scooters.

Use in scooters that require API SG, SL/CF • JASO MA/MA2 • ISO-L-EMA2

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ASOQT	EA	1 Quart	8.10
ASOQT	CA	12 Quarts	92.30

● Semi-Synthetic Bar and Chain Oil¹⁷

Delivers excellent lubrication and protection, helping extend the life of bar and chain applications.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ABCQT	EA	1 Quart	4.80	6.30
ABCQT	CA	12 Quarts	54.85	71.85
ABC1G	EA	1 Gallon	18.65	—
ABC1G	CA	4 Gallons	71.00	—
ABC05	EA	(1) 5-gal. Pail	86.10	112.60

^{13,17}See page 43 for Proposition 65 information for this product.

Synthetic Marine Oil



“Switched my marine big block over to AMSOIL 25W-40 and have seen better oil pressure and increased performance over 30W oil. I’ll definitely use this oil again.”

— **Runky**
Portsmouth, RI



WCT



WCF



WCM



HPM



ATO



AGM



Synthetic Marine Engine Oil

Formulated specifically for use in four-stroke gasoline-fueled engines used in marine applications.

10W-30

Use in boat motors that require API SM • NMMA FC-W Catalyst Compatible (Registration #FC-00833T) • JASO MA

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
WCTQT	EA	1 Quart	8.80	11.50
WCTQT	CA	12 Quarts	100.05	131.05

10W-40

Use in boat motors that require API SM • NMMA FC-W Catalyst Compatible (Registration #FC-00850T) • JASO MA

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
WCFQT	EA	1 Quart	9.50	12.45
WCFQT	CA	12 Quarts	108.05	141.75

25W-40 (Synthetic Blend)²³

Use in boat motors that require API SM • NMMA FC-W Catalyst Compatible (Registration #FC-11825T) • JASO MA

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
WCMQT	EA	1 Quart	7.25	9.65
WCMQT	CA	12 Quarts	82.55	110.25

HP Marine™ Synthetic 2-Stroke Oil¹³

Prevents piston skirt scuffing, cylinder bore scuffing and ring sticking in all two-stroke outboard motors, personal watercraft and anywhere NMMA TC-W3 and API-TC oils are specified.

Use in boat motors that require TC-W3

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
HPMQT	EA	1 Quart	8.30	10.75
HPMQT	CA	12 Quarts	94.50	122.85
HPM1G	EA	1 Gallon	32.45	41.70
HPM1G	CA	4 Gallons	123.50	158.80

Outboard 100:1 Pre-Mix Synthetic 2-Stroke Oil¹³

Contains a heavy dose of low-temperature dispersant additives that excel at reducing varnish and carbon deposit formation in water-cooled outboard motors.

Use in boat motors that require TC-W3

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ATOBC	EA	(1) 8-oz. Bottle	4.20
ATOBC	CA	(12) 8-oz. Bottles	47.75
ATOQT	EA	1 Quart	11.35
ATOQT	CA	12 Quarts	129.35

Universal Synthetic Marine Gear Lube

Resists foam and retains extreme-pressure qualities in outboard lower units, stern drives, V-drives, bow and tunnel thrusters and marine transmissions. Delivers advanced outboard protection against power loss and gear wear, even with up to 15 percent water contamination.^Y Choose the easy-pack for fast, easy installation.

Use in applications that require GL-5, GL-4

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AGMTB	EA	(1) 10-oz. Tube	6.25	8.05
AGMTB	CA	(6) 10-oz. Tubes	35.65	46.00
AGMQT	EA	1 Quart	10.10	13.20
AGMQT	CA	12 Quarts	115.15	150.60
AGMPK	EA	1 Quart Easy-Pack	11.80	15.40
AGMPK	CA	12 Quart Easy-Packs	134.30	175.80
AGM05	EA	(1) 5-gal. Pail	186.65	244.10

Marine Gear Lube Pump²⁷

Specifically designed to ease installation and reduce mess when servicing lower units. Eliminate the need for a pump, save money and reduce the mess by choosing the easy-pack.

STOCK#	U.S. P.C.	CAN. P.C.
G3456	10.10	13.40

^{23,13,27} See page 43 for Proposition 65 information for this product.

^Y Based upon AMSOIL testing of AMSOIL Synthetic Marine Gear Lube 75W-90 in ASTM 3233 and ASTM D892.

Cleaners and Protectants



Chain Lube

Provides outstanding protection against wear and corrosion. Helps extend chain life. Does not attract dirt and does not fling off. Fast-drying.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ACL4SC	EA	(1) 4.5-oz. Spray Can	5.25
ACL4SC	CA	(12) 4.5-oz. Spray Cans	59.85
ACLSC	EA	(1) 11-oz. Spray Can	8.70
ACLSC	CA	(6) 11-oz. Spray Cans	49.50

Engine Fogging Oil

Helps prevent corrosion and dry starts to internal engine components found in outboard motors, lawn and garden equipment, motorcycles, snowmobiles, ATVs, motor homes and generators during storage or long periods of inactivity.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
FOGSC	EA	(1) 12-oz. Aerosol Can	7.40
FOGSC	CA	(6) 12-oz. Aerosol Cans	42.25

Power Foam®

Improves starting and performance by cleaning dirty intake systems and spark plugs; freeing sticky valves and removing gum, varnish and carbon deposits.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
APFSC	EA	(1) 18-oz. Spray Can	8.35
APFSC	CA	(12) 18-oz. Spray Cans	94.45

Heavy-Duty Degreaser

Formulated with powerful and fast-acting solvents, attacking petroleum-based grime on a molecular level to loosen its hold on metal, concrete and other surfaces.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ADGSC	EA	(1) 15-oz. Spray Can	11.05
ADGSC	CA	(12) 15-oz. Spray Cans	125.80

Silicone Spray²⁶

Perfect for lubricating or protecting rubber, nylon, plastics, upholstery, vinyl, wood, cardboard or fiberglass. Also excellent for waterproofing leather products. Hundreds of household uses.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ALSSP	EA	(1) 10-oz. Spray Can	7.50
ALSSP	CA	(12) 10-oz. Spray Cans	85.70

²⁶See page 43 for Proposition 65 information for this product.



Protection and Dependability
for Generations



Mudslinger®

Provides a protective layer of armor against the accumulation of mud, dirt and snow on ATVs, UTVs and dirt bikes, easing clean-up. Restores color and luster.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
AMSSC	EA	(1) 12-oz. Spray Can	8.00
AMSSC	CA	(12) 12-oz. Spray Cans	91.35

Engine Degreaser

Effectively cleans engine surfaces by cutting through grease, oil and grime.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
AEDSC	EA	(1) 15-oz. Spray Can	6.90
AEDSC	CA	(12) 15-oz. Spray Cans	78.75

Glass Cleaner

Cuts through grease and grime faster than other leading glass cleaners, stays where you spray it and leaves no streaks.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
AGCSC	EA	(1) 19-oz. Spray Can	3.90
AGCSC	CA	(12) 19-oz. Spray Cans	44.05

Metal Protector

Displaces water, lubricates, penetrates and protects metal surfaces from corrosion, including hinges, squeaky mechanical objects, electrical systems and more.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AMP4SC	EA	(1) 4-oz. Spray Can	4.45	—
AMP4SC	CA	(12) 4-oz. Spray Cans	50.40	—
AMPSC	EA	(1) 8.75-oz. Spray Can	5.80	7.30
AMPSC	CA	(12) 8.75-oz. Spray Cans	66.15	83.20

Heavy-Duty Metal Protector

Penetrates and adheres to metal surfaces, leaving a long-lasting coating that protects against the damaging effects of salt, moisture or chemical corrosion.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
AMHSC	EA	(1) 15-oz. Spray Can	9.80
AMHSC	CA	(12) 15-oz. Spray Cans	111.95

Engine and Transmission Flush

Helps restore operating efficiency, increase fuel economy and reduce emissions in gasoline and diesel engines and automatic transmissions.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
FLSHCN	EA	(1) 16-oz. Bottle	9.25	11.95
FLSHCN	CA	(12) 16-oz. Bottles	105.45	136.10
FLSH05	EA	(1) 5-gal. Pail	282.75	357.50

Miracle Wash® Waterless Wash & Wax

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

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
AMWSC	EA	(1) 13-oz. Spray Can	8.20
AMWSC	CA	(12) 13-oz. Spray Cans	93.25

Synthetic Firearm Lubricant and Protectant

Effectively lubricates and protects firearms, helping extend life and prevent blockage, jams and wear. Outstanding protection and performance in both hot and cold climates. Specially formulated for firearms, offering superior performance over multi-purpose products.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
FLPBA	EA	(1) 4-oz. Bottle	7.75	10.30
FLPBA	CA	(12) 4-oz. Bottles	88.20	117.20
FLPSC	EA	(1) 5-oz. Spray Can	9.65	—
FLPSC	CA	(12) 5-oz. Spray Cans	110.25	—

Firearm Cleaner and Protectant

Penetrates deep into hard-to-reach components, effectively cleaning fouling and powder residue from all firearm surfaces, safely protecting them for storage, reducing jamming and increasing reliability. Protects against corrosion, allowing for safe storage and preserving performance, reliability and value.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
FCPCN	EA	(1) 8-oz. Bottle	8.85
FCPCN	CA	(12) 8-oz. Bottles	100.80
FCPSC	EA	(1) 5-oz. Spray Can	5.55
FCPSC	CA	(12) 5-oz. Spray Cans	63.00



● Heavy-Duty Antifreeze & Coolant¹⁵

Provides superior heat transfer and excellent protection against corrosion, cylinder-liner cavitation, freezing and boilover. Protection up to 1,000,000 miles, 20,000 hours or 8 years, whichever comes first. Pre-mixed formula.

Use in applications requiring any of the following specifications:
 ASTM D3306, D6210, D7583, D7820 • TMC RP329B, TMC RP338 • AS/NZS 2108.2004 Type A
 Suitable for use with the following: Case New Holland • Cummins 14603 • Cummins 3666132
 • DDC 7SE 298, 93K217 • Freightliner 48-22880 • GM Heavy Truck • International Truck and
 Engine / Navistar CEMS B-1 Type III-A • JIS K2234 • MAN 324 NF • MB DBL 7700 • MTU MTL
 5048 • Kenworth R026-170-97 • Mack 014GS17004, 014GS17009 • PACCAR CS0185 • DAF MAT
 74002 • Peterbilt 8502.002 • Scania TB1451 • Volvo Heavy Truck

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ANTHD1G	EA	1 Gallon	16.45
ANTHD1G	CA	4 Gallons	62.60

○ Propylene Glycol Antifreeze & Coolant

Combines the benefits of biodegradability, low toxicity and all-climate protection for up to 150,000 miles (241,400 km) or 5 years, whichever comes first, in passenger cars and light trucks. Protection up to 1,000,000 miles (1,609,344 km), 20,000 hours or 8 years, whichever comes first, in heavy-duty applications. Concentrated formula.

Use in applications requiring any of the following specifications:
 ASTM D3306, D6210, D7583, D7820 • TMC RP329B, TMC RP338 • AS/NZS 2108.2004 Type A
 Suitable for use with the following: Case New Holland • Cummins 14603 • Cummins 3666132 •
 DDC 7SE 298, 93K217 • Freightliner 48-22880 • GM Heavy Truck • International Truck and Engine
 / Navistar CEMS B-1 Type III-A • JIS K2234 • MAN 324 NF • MB DBL 7700 • MTU MTL 5048 •
 Kenworth R026-170-97 • Mack 014GS17004, 014GS17009 • PACCAR CS0185 • DAF MAT 74002 •
 Peterbilt 8502.002 • Scania TB1451 • Volvo Heavy Truck

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ANT1G	EA	1 Gallon	29.95	39.30
ANT1G	CA	4 Gallons	114.05	149.55

● Passenger Car/Light Truck Antifreeze & Coolant¹⁵

Engineered to exceed original equipment manufacturer (OEM) requirements for up to 150,000 miles or 5 years, whichever comes first, in passenger cars and light trucks. Pre-mixed formula.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
ANTPC1G	EA	1 Gallon	15.20
ANTPC1G	CA	4 Gallons	57.75

Fluid Extraction Pump

STOCK#	U.S. P.C.	CAN. P.C.
G2576	15.75	20.95

Aids in the removal of old fluids when servicing vehicles.



^{15,13,17} See page 43 for Proposition 65 information for this product.



DOMINATOR® Coolant Boost

Helps reduce engine temperatures, increase horsepower, promote faster engine warm-up times and reduce radiator and engine corrosion in racing and passenger vehicles.

Warm up your car 54% faster. See the Coolant Boost product page at amsoil.com for details.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
RDCBCN	EA	(1) 16-oz. Bottle	9.95	13.30
RDCBCN	CA	(6) 16-oz. Bottles	56.65	75.95

Shock Therapy® Suspension Fluid

Controls friction, heat, wear, foaming and scuffing in suspension components.

● Shock Therapy Suspension Fluid¹⁷

Lightweight #5

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
STLQT	EA	1 Quart	12.00	15.30
STLQT	CA	12 Quarts	136.75	174.55
STL05	EA	(1) 5-gal. Pail	222.60	281.60

● Shock Therapy Suspension Fluid¹⁷

Medium #10

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
STMQT	EA	1 Quart	11.75	15.05
STMQT	CA	12 Quarts	134.00	172.00
STM05	EA	(1) 5-gal. Pail	218.05	277.10

○ Synthetic Air Tool Oil

Effectively lubricates rotary and piston-type air-tool bearings and motors, while managing moisture and conditioning rubber and plastic seals and O-rings.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AIRBA	EA	(1) 4-oz. Bottle	3.55	4.70
AIRBA	CA	(12) 4-oz. Bottles	40.05	53.55

Multi-Vehicle Synthetic Power Steering Fluid¹³

Provides excellent wear protection, long component life and quiet operation in most passenger cars and light trucks.

Use in applications that require American Motor Corporation C 4124; 4634 • BMW 82 11 0 148 132; 83 29 0 429 576; 81 22 1 468 879 & 82 11 1 468 041 • Chrysler MS-1872; MS-5931, MS-9602 & MS-11655 • Ford M2C138-CJ; ESW-M2C128-C&D; M2C195-A; M2C204-A & M2C33-F • GM/Saginaw PSF 9985010; 9985835; 89021184 & 1050017 • Hyundai/Kia PSF-3; PSF-4 & PSF 00232-19017 • Mercedes Benz 236.3; 345.0; 001 989 24 03 10; 001 989 24 03 12 & Q 1 32 0001 • Mitsubishi Diamond SP III & PS Fluid • Navistar TMS 6810 • Nissan PSF-II • Porsche 000 043 206 56 • Saab 93160548; (45) 30 09 800 & 30 32 380 • Subaru K0209A0080 • Toyota PSF Type EH; P/N 008886-01 • Volvo 1161529 & 30741424 • VW/Audi TL-52146; G002000; G 004 000 M2; G 004 000 M7 & G 004 000 M8

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
PSFCN	EA	(1) 16-oz. Bottle	6.80	8.65
PSFCN	CA	(12) 16-oz. Bottles	77.65	98.30



DOT 3 & 4 Synthetic Brake Fluid¹¹

High-performance brake fluid specially designed as a multi-use product for passenger-car, light-truck and powersports applications.

Use in equipment requiring a DOT 3, 4 or 5.1 brake fluid.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
BFLVCN	EA	(1) 12-oz. Bottle	6.05
BFLVCN	CA	(12) 12-oz. Bottles	69.10

DOMINATOR® DOT 4 Synthetic Racing Brake Fluid¹⁰

High boiling point brake fluid engineered to resist brake fade and vapor lock during intense racing applications.

Use in racing equipment requiring a DOT 4 brake fluid.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
BFRCN	EA	(1) 12-oz. Bottle	11.40
BFRCN	CA	(12) 12-oz. Bottles	129.80

Brake & Parts Cleaner

Professional-strength parts cleaner that quickly removes oil, grease, brake fluid and other contaminants from brake parts and other automotive components.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
BPCSC	EA	(1) 19-oz. Spray Can	4.60
BPCSC	CA	(12) 19-oz. Spray Cans	52.15

Synthetic Compressor Oil

Superior protection for rotary screw, rotary vane, reciprocating and other compressor applications.

● Synthetic Compressor Oil

Use in compressors that require ISO 46 • SAE 20

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
PCIQT	EA	1 Quart	11.00	13.80
PCIQT	CA	12 Quarts	125.40	157.50
PCI05	EA	(1) 5-gal. Pail	203.70	255.30

● Synthetic Compressor Oil

Use in compressors that require ISO 100 • SAE 30/40

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
PCKQT	EA	1 Quart	11.35	14.35
PCKQT	CA	12 Quarts	129.65	163.80
PCK05	EA	(1) 5-gal. Pail	210.80	265.00

^{10,11}See page 43 for Proposition 65 information for this product.

CALIFORNIA PROPOSITION 65 WARNING STATEMENTS

- 10** **WARNING:** This product can expose you to 2,2'-Iminodiethanol, which is known to the State of California to cause cancer, and Ethanediol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 11** **WARNING:** This product can expose you to 2-Methoxyethanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 13** **WARNING:** This product can expose you to Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 15** **WARNING:** This product can expose you to Ethanediol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 16** **WARNING:** This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer, and Dibutyl phthalate, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 17** **WARNING:** This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- 19** **WARNING:** This product can expose you to Naphthalene, which is known to the State of California to cause cancer, and Methanol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 20** **WARNING:** This product can expose you to Naphthalene, which is known to the State of California to cause cancer, and Dibutyl phthalate, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 21** **WARNING:** This product can expose you to Naphthalene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- 23** **WARNING:** This product can expose you to Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 25** **WARNING:** This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer, and Methanol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 26** **WARNING:** This product can expose you to n-Hexane, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 27** **WARNING:** This product can expose you to Di(2-ethylhexyl) phthalate (DEHP), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



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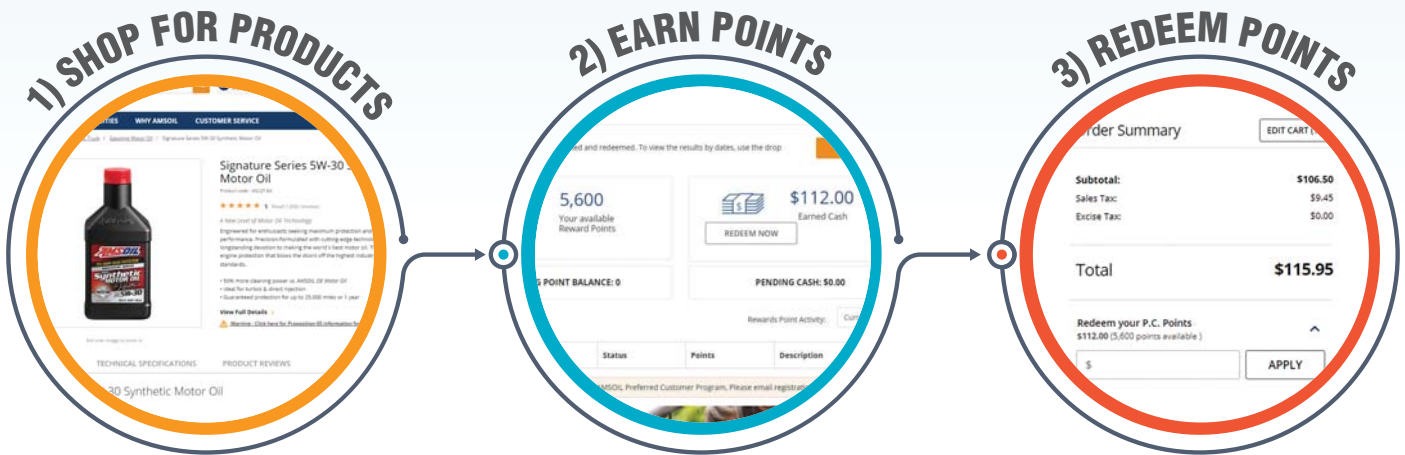
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