



► PREFERRED CUSTOMER EDITION

M A G A Z I N E

WINTER 2020



MUSCLE CAR MANIA: VOL. 2

MOPAR MUSCLE

Go Before Show

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From the President

My daughter recently told me about a problem she encountered. She described in great detail the situation, the frustration she felt and the struggle she faced in trying to overcome the issue. Naturally, I offered multiple potential solutions. It turns out that isn't what she was looking for; she just wanted to vent. Well, I can't help it. That's what we focus on every day – solving problems. Once we identify an issue, we start working on solutions.

For example, most people agree that viscosity is a lubricant's most important attribute. Therefore, maintaining viscosity despite challenging operating conditions is key, so industry standards set by the American Petroleum Institute (API) and the Independent Lubricant Specification Advisory Committee (ILSAC) include a test called Sequence IIH that measures a motor oil's ability to maintain its viscosity. The standard test is run for 90 hours. After 90 hours, oils that experience a viscosity increase of 100 percent or less pass. Signature Series is barely challenged by the test and demonstrates only a 0.1 percent increase. So we doubled the length of the test. Even then, Signature Series delivered twice the viscosity control required by the standard.¹ Problem solved.

Low-speed pre-ignition (LSPI) is a major issue in modern engines, particularly those featuring direct injection and turbochargers. AMSOIL Signature Series achieved 100 percent protection against LSPI in the engine test required by the GM dexos1® Gen 2 specification.² Problem solved.

Speaking of turbochargers, any time they are featured, heat is a concern. Signature Series handles heat so well, it protects turbochargers 72 percent

better than required by the GM dexos1 Gen 2 specification.³ Problem solved.

As we head into winter, those of us in the northern portion of North America start thinking about snowmobiles. AMSOIL INTERCEPTOR® has garnered a large, loyal following through the years for the problems it solves for snowmobilers. It prevents piston ring sticking and helps keep power valves clean. It is outstanding in DFI engines and has exceptional cold-temperature fluidity (-69°F/-56°C pour point). It is a low-smoke product and delivers big-time in all areas of protection and performance. There was only one problem left to solve: snowmobile-manufacturer scare tactics. Many manufacturers imply warranty coverage is tied to use of their brand of snowmobile oil, despite U.S. and Canadian laws against such implications. In most cases, the scare tactics work. Riders are scared to endanger their warranties, and I don't blame them. So we created the Runs on Freedom Limited Snowmobile Warranty. If you use AMSOIL INTERCEPTOR Synthetic 2-Stroke Oil exclusively in your current-model-year or newer sled, we'll cover engine repairs to qualified parts in the unlikely event of a problem for up to 2 years or 5,000 miles (8,000 km), whichever comes first. No hassle, no intimidation. Problem solved.

For more on the Runs on Freedom Limited Warranty or to register, visit AMSOIL.com/rof warranty.

Alan Amatzio
President & CEO

Shop by year, make, model

Series 5W-30 in the Sequence IIH Engine Test (ASTM D8111), based on zero LSPI events in five consecutive tests of AMSOIL Signature Series 5W-30 in the GM dexos1® Gen 2 specification.³Based on the Series 5W-30 in the GM Turbocharging test.

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THE COVER

This iconic duo was made famous on TV's "The Dukes of Hazzard." The pair featured on the cover was used on the popular show in its heyday.

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MUSCLE CAR MANIA: VOL. 2

Mopar Muscle – Go Before Show

Our Muscle Car Mania series highlights some of the most iconic muscle cars in history. Next in line: Mopar.*

Mopar muscle has been respected for decades in classic auto-enthusiast circles. The iconic cars have been reverently dubbed as “go before show” kind of vehicles – letting their engines do most of the talking and adding trim pieces, nose cones, wings and decals for style. While technically the parts division of Chrysler,* Mopar has shared powertrains across brands like Dodge* and Plymouth* to create numerous specialty classics like the Charger Daytona,* Coronet Super Bee,* Roadrunner Superbird,* AAR 'Cuda,* Scat Pack* and Rapid Transit System* editions.

THE SMALL BLOCKS

Many early Mopar models came equipped with a modest 318-cubic-inch V8, referred to as an LA engine in 1967. These lightweight engines were based upon Chrysler's low-cost A-series engines. Although not considered the most powerful on the roster, the 318's cast-iron crank and hydraulic lifters were robust and put out a reliable 230 hp.

Like many V8s in the 1970s, the 318 underwent significant changes and was detuned to run on lower-octane fuel and become more fuel efficient due to the shortages and regulations of the time. These changes continued into the next decade and, in 1985, the 318 received its first roller cam, making it no longer reliant on high-ZDDP motor oil. The Mopar 318 model enjoyed a long life until it was eventually discontinued in the early 2000s.

In 1968, Chrysler introduced a small-block engine built for performance: the Mopar 340. The 340-cubic-inch V8's larger intake, valves and exhaust manifold, high-flow carburetor, forged-steel crank and high-performance heads together put out 275 hp in a four-barrel configuration, making it a dominating presence from the start. A few years later, the famous 340 “Six-Pack” was born, which featured three two-barrel carburetors and put out an even higher 290 hp. One of the most famous vehicles with this combination was the AAR 'Cuda.

THE BIG BLOCKS

For those who wanted big-block engine power, the 383 V8 B-series engine was the standard offering on the B platform of Mopar vehicles. The 383 came equipped with either a standard two-barrel carburetor with 305 hp or a Power Pack version with a high-performance cam, dual exhaust and a four-barrel carburetor that produced 330 hp. If you're lucky, you might even come across a 383 with a cross ram intake – one of the unique engineering designs from Mopar. Although only offered for five years, the Mopar 383 saw an almost 20 percent drop in compression ratios and subsequent horsepower declines due to changing regulations before it was discontinued in 1971.

Mopar's holy grail engine might be the 426 Hemi. Introduced as a race-only engine, Mopar accomplished the unimaginable in 1964 at the Daytona 500 by sweeping the top four spots with four 426 Hemi-powered vehicles. Such a feat even led NASCAR to modify some of its rules in order to level future playing



fields. It's no surprise with that sort of record that the 426 became one of the most sought-after classic cars under the Mopar brand. After dominating performances on the track, the Hemi 426 was released to the public in 1965 as a "street Hemi" and was reserved for Dodge and Plymouth models. It still maintained its impressive 425 hp and 490 lb.-ft. of torque even after its race modifications were removed.

Mopar Today

In 2006, the Mopar name started to make a comeback. Dodge relaunched its Charger* and Challenger* models with 5.7L Hemi V8 engines, and since then the two have seen countless special editions and power additions like the 6.4L 392 Apache,* the 6.2L SRT Hellcat* and the 6.2L Demon.*

More recently, Mopar has been working on development of the 426 Hemi Hellephant,* which pays homage to the classic 426 Hemi, but with an added supercharger to boost out a whopping 1,000 hp and 950 lb.-ft. of torque. While right now it's only a crate engine, we'll have to wait and see what Mopar has planned for its future.



Both 6.2L and 6.4L Mopar models require specialized 0W-40 motor oil. **AMSOIL Signature Series 0W-40 (AZF)** is the perfect match for these high-horsepower engines.

DOMINATOR® Octane Boost (AOB, COB) is an excellent lead substitute at the same treat rates in collector automobiles designed for leaded gasoline.

- Reduces engine knock
- Improves ignition and engine response
- Helps fuel burn cleaner
- Inhibits corrosion
- Recommended for racing use



European Motor Oil Refresh

We've revamped European Car Formula with a new look and feel, including renaming it 100% Synthetic European Motor Oil to indicate coverage of both cars and trucks. The product line features updated packaging and labels that better differentiate full-SAPS, mid-SAPS and low-SAPS formulas. These new packages will be introduced as existing inventory is depleted. To round out the line, we also added two new 0W-20 viscosity products (AFE, EZT) that fill the unique specifications of certain European engines.

AMSOIL 100% Synthetic European Motor Oil (EFO, EFM, AEL, AFL) continues to provide the same great performance.

- Engineered to meet European manufacturers' specifications
- Excellent protection for the unique needs of gasoline, diesel and hybrid European vehicles
- Fights sludge for superior engine cleanliness

Updated labels and packaging? Yes
Formulation change? No
New stock numbers? No
Price change? No

New SAE 0W-20 LS and SAE 0W-20 LS-VW European Motor Oils (AFE, EZT) have been added to the family and are recommended for European engines that require 0W-20 motor oil.

Two 0W-20 Products?

You may be wondering why we're introducing two separate 0W-20 products. While both products are the same viscosity, the specifications they carry are quite different and require unique engineering to meet the needs of these highly specialized engines. Both products offer the same benefits as all the other viscosities.

SAPS Identification

Many European vehicles available in North America feature gasoline and diesel engines with emissions systems that are highly sensitive to the SAPS (sulfated ash, phosphorus and sulfur) content of motor oil. SAPS are common oil additives that provide desirable performance properties, including detergency and protection against wear and oxidation. Different emissions systems require different SAPS levels – it's not one-size-fits-all. Our updated European motor oil line has labels that feature FS, MS and LS identification to help differentiate between full-SAPS, mid-SAPS and low-SAPS.

Complete Coverage

AMSOIL European Motor Oil meets and often exceeds strict European manufacturer specifications. Its shear-stable synthetic base oils and high-quality anti-wear additives provide outstanding protection in high-temperature conditions and deliver dependable performance throughout the

long drain intervals recommended by European manufacturers.

Superior Engine Cleanliness

The excellent oxidation stability, heat resistance and detergency properties of AMSOIL European Motor Oil help keep engines clean. It is designed to prevent sludge and varnish deposits, reduce oil consumption, extend engine life and provide maximum performance.

Excellent For Turbochargers

AMSOIL European Motor Oil has a robust composition that shields engines from the high temperatures produced by turbochargers. Its thermally stable oil formulation resists deposit formation and cools turbochargers. Its low pour point protects turbochargers against oil starvation in subzero temperatures and ensures a rapid return to appropriate oil pressure at startup.

See p. 19 for pricing.





Matt Erickson | DIRECTOR, TECHNICAL PRODUCT MANAGEMENT

Motor oil isn't "one-size-fits-all"

There are notable differences between oil for European and domestic vehicles.

For all their benefits, like finely tuned performance, styling and prestige, European cars can be a hassle to maintain. Some makes and models are notorious for their interesting and sometimes expensive quirks. Another notable difference is the motor oil they use, which I'd like to explain today.

OEMs Create Their Own Oil Specifications

One of the biggest differences between oils for European cars and domestic cars is the performance requirements each must meet. In the U.S. and Canada, it's typically an industry-wide motor oil specification, such as API SP.

European original equipment manufacturers (OEMs), however, typically maintain their own motor oil performance specifications. A Volkswagen* owner, for example, must use an oil that meets the requirements of VW's own performance specs. The same holds for Mercedes-Benz,* BMW,* Porsche* and other European cars.

Complicating matters, each OEM motor oil specification is slightly different. One OEM may require an oil that offers better performance against oxidation, while another requires better resistance to viscosity loss. And different engine models can require different oil chemistries of the same viscosity. For example, VW requires some of its engines to use a 0W-20 oil that meets its 508.00/509.00 spec, but others must use a 0W-20 oil that meets a different spec. Some BMW engines require a 5W-40 oil that meets the BMW LL-01 spec, while others require a 5W-40 that meets the BMW LL-04 spec. The specificity can easily confuse motorists.

OEM specifications tend to be more strict and require increased motor oil performance than the industry specs to

which we're accustomed. This, of course, requires more advanced (and typically expensive) motor-oil technology delivered almost exclusively by synthetics.

General Motors,* for its part, has taken a page out of the playbook of its European counterparts by maintaining its own GM dexos* performance specifications. I suspect we'll see more of this from domestic OEMs in the coming years.

More-Strict Emissions Standards

The European Union maintains more strict standards for carbon dioxide (CO₂) and carbon monoxide (CO) emissions than we do. (Our standards for nitrogen oxides [NO_x] and particulate matter [PM] are more strict, however.) Because modern diesels emit lower CO₂ than gasoline engines, the European market pivoted toward diesel-powered vehicles in the 1990s. Diesels also provide better fuel economy.

One drawback, however, is the higher levels of NO_x and PM that diesels produce. To counteract this, diesel-powered vehicles use diesel particulate filters (DPF) and catalysts designed to reduce pollutants from the exhaust before they exit the tailpipe.

An oil's formulation can negatively affect sensitive emissions-control devices. Certain components in the motor oil can reduce the effectiveness and life of DPFs and other emissions devices. For that reason, European specifications often limit certain ingredients to protect emissions-control systems.

Longer Oil-Change Intervals

Europeans have long practiced what's only recently caught on in North America – longer oil-change intervals.

Europeans are accustomed to changing oil far less often, with drain intervals

of 10,000 miles (16,000 km) or so quite common. One reason is the higher cost of oil in Europe. Another is the differences between manufacturer recommendations. For example, most modern BMWs require oil changes only every 15,000 miles (24,140 km). In the U.S., most people change oil around every 5,000 miles (8,000 km). The figure increases if the vehicle is equipped with an electronic oil-life monitoring system.

Longer drain intervals common with European cars require an oil capable of protecting against wear, deposits and sludge for the duration, which requires a more robust oil.

Different Viscosities

In addition, many European OEMs have historically suggested different viscosities for different operating temperature ranges. In cold weather, the OEM may recommend 5W-30. In warm weather, 5W-40. Traditionally, drivers settle on a 0W-40 or 5W-40 to offer the best of both worlds – good cold-flow at startup to protect against wear and good resistance to heat once operating temperatures are reached. However, like their domestic counterparts, European manufacturers are increasingly recommending reduced oil viscosities to help improve fuel economy.

Our updated line of 100% Synthetic European Motor Oil reflects this trend. We recently introduced two new 0W-20 products. Our full line provides an option for just about any European car owner, no matter the performance spec or viscosity. The best way to find the right oil is to use our Product Guide at AMSOIL.com or AMSOIL.ca.

European cars offer an excellent driving experience; be sure to protect them with AMSOIL Synthetic European Motor Oil.

AMSOIL PROTECTS YOUR SLED AND SUPPORTS YOUR FREEDOM

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

Illegal scare tactics

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

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

Additional support for riders

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

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

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

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

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

What about the standard AMSOIL Limited Liability Warranty?

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

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



As good as, or better, than OEM warranties

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

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

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



RUNS ON FREEDOM™ LIMITED SNOWMOBILE WARRANTY

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

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

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

RUNS ON FREEDOM LIMITED SNOWMOBILE WARRANTY FAQ

Who's eligible?

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

What parts does the warranty cover?

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

What parts does the warranty NOT cover?

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

What is the warranty duration?

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

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

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

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

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

Do other AMSOIL synthetic snowmobile oils qualify for the warranty?

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

How do I file a warranty claim?

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

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

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

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

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

OIL TYPES EXPLAINED: SYNTHETIC, CONVENTIONAL, SYNTHETIC-BLEND & HIGH-MILEAGE

You have several options when buying motor oil. Synthetic, conventional, synthetic-blend and high-mileage motor oils all vie for your attention – and wallet. It helps to understand the different oil types available so you can make the right choice based on your application needs and goals. Here's a rundown.

SYNTHETIC

- Best protection and performance
- Longest service life
- Best long-term value
- Best choice for modern engines

The benefits of synthetic oil derive from how they're made and the quality of the chemicals used to make them.

Synthetic base oils are chemically synthesized (i.e. built), unlike conventional base oils that are distilled from crude oil.

Refiners disassemble crude oil molecules to their fundamental components using various chemical reactions. Then, using

only uniform molecules (typically ethylene), they build synthetic base oils from the ground up. What results is a pure base oil that doesn't contain the mishmash of irregular molecules found in conventional base oils.

The additives in the formulation responsible for fighting oxidation, keeping parts clean, reducing friction and more are also typically higher-quality than those found in

other oils, resulting in a better end product. As the graph shows, AMSOIL Signature Series Synthetic Motor Oil fights volatility better than other synthetic, conventional and high-mileage oils. This helps engines remain cleaner and last longer.

Original equipment manufacturers (OEMs) are increasingly relying on synthetics to achieve ever-tightening fuel-economy and emissions requirements. Modern low-viscosity oils such as 0W-20 and 0W-16 used to maximize fuel economy are made from synthetic base oils because conventional oils are incapable of providing the required performance.

As engines and equipment continue to advance, use of synthetics will further increase.

CONVENTIONAL

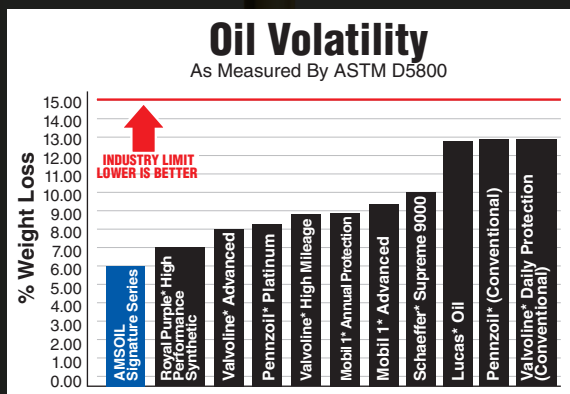
- Most widely used type of motor oil
- Provided decent protection in many applications for years, but modern engines are leaving them behind
- Shorter service life than synthetics
- Lowest initial price

As previously mentioned, conventional base oils are distilled from crude oil, which contains a mishmash of elements such as sulfur, nitrogen, oxygen and various metals.

Many materials inherent to crude oil must be removed through refinement to increase the oil's usability. Refiners do this by applying heat, pressure and other catalysts to separate crude oil into different groups, called fractions. Further processing results in many of the products we use today, such as kerosene, gasoline, diesel fuel and lubricating oils used to make conventional motor oil.

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. [†]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.

Conventional oils have limitations. Distillation cannot completely remove impurities detrimental to lubrication, such as waxes that solidify in the cold and unstable molecules that evaporate in high heat, leading to oil consumption and deposits.

Modern turbocharged, direct-injected engines are leaving conventional oils behind. They run hotter, create more contaminants and require oils that meet tougher performance requirements than ever before.

SYNTHETIC-BLEND

- Mix between synthetic and conventional base oils
- Stepping-stone oil from conventional to synthetic
- No standards for minimum amount of synthetic base oils required
- Mid-level price

Some motorists like the improved protection and performance of synthetic oil, but balk at the higher initial price. Many oil manufacturers formulate a synthetic-blend oil for these motorists. It's designed to provide better wear protection, engine cleanliness and cold-flow than conventional oils at a lower price.

Unfortunately, there are no industry specifications or regulations that define the minimum percentage of synthetic base oils for a synthetic-blend to be classified as such. It could contain 1 percent synthetic base oils, 25 percent or more. There is no telling, meaning performance can vary widely.

HIGH-MILEAGE

- Fastest-growing oil type
- Often a synthetic-blend

- Typically recommended for engines with 75,000 miles (120,000 km) or more
- Contain special additives

As engines age, seals can dry out and parts can wear if motorists haven't been using a premium synthetic oil. High-mileage oils contain extra additives designed to condition aging seals to help prevent leaks. Their viscosities also fall on the upper end of the spectrum to help seal the widening clearances between metal parts that are wearing over time. Though most are synthetic-blend oils, full-synthetic oils designed for high-mileage engines are increasingly entering the market.

Most high-mileage oil users desire better protection, but at a lower price than top-shelf synthetics.



Whether you desire the best protection money can buy, great protection at a lower initial price or something in between, we have you covered.

Signature Series Synthetic Motor Oil

- 75% more engine protection against horsepower loss and wear¹
- Protects turbos 72% better than required² by the GM dexos1[®] Gen 2 spec
- 50% more cleaning power vs. AMSOIL OE Motor Oil
- Guaranteed protection for up to 25,000 miles (40,200 km) or 1 year

XL Synthetic Motor Oil

- 64% more protection against oil breakdown³
- Excellent high- and low-temperature protection
- Guaranteed protection for up to 12,000 miles (19,300 km) or 1 year

OE Synthetic Motor Oil

- 47% more wear protection⁴
- 100% synthetic protection at a lower initial price
- Guaranteed for original equipment manufacturer drain intervals

¹Based on independent testing of AMSOIL Signature Series 0W-20, in ASTM D6891 as required by the API SN specification.

²Based on independent testing of AMSOIL Signature Series 5W-30 in the GM turbo coking test.

³Based on independent testing of AMSOIL XL 5W-30 motor oil in the GMOD engine test required for the GM dexos1 Gen2 specification.

⁴Based on independent testing of OE 0W-20 in the Peugeot TU3M Wear Test as required by the dexos1 Gen 2 specification.





Volkswagen* R32 Clocks 300,000 Miles with AMSOIL

Richard Nyguist of Manheim, Pa. is the epitome of a Volkswagen enthusiast. He's owned several cars from the German automaker, including a Mark 1, several Mark 2s and the rare Golf* GTI 337 edition, of which only 1,500 were sold in the United States.

Currently, Nyguist owns a 2004 VW R32 equipped with a 3.2L V-6. VW only sold 5,000 R32s in the U.S., and that was only after enthusiasts petitioned the company to make the car available stateside.

"It's kind of Volkswagen's version of a rally car," said Nyguist. "It has nice leather sports seats that were only available in that car, a special steering wheel, dash, exhaust system...all those good things," he said. But the all-wheel drive is the key that unlocks the car's potential.

The car makes 240 hp and hits 60 mph in about six seconds. "Back in 2004, that was pretty solid," said Nyguist. "Today, your 2.0L turbos are going to be pushing 300 hp, but the naturally aspirated V-6 is such a pleasure to drive," he said. "You have the full powerband at your fingertips – it's an extension of yourself."

Though Nyguist says the car is no

"rocket ship," it's perfect for his driving style. "I come from Scotland," he said. "We're used to passing other cars and twisty, turny roads. To jump on the highway and see how fast you can go – that doesn't do anything for me. Twisty, turny roads, shuffling and dicing on the gears, getting the revs just right and getting G-force on the corners is fun driving to me."

Extended drains drew Nyguist to AMSOIL

Nyguist has used AMSOIL 5W-40 Synthetic European Motor Oil (EFM) since the car was new. "In the early days, it was serviced under VW's new-car service agreement, and I took the oil with me and told them, 'This is the oil that's going in it.'" He changes oil about every 12,000 miles (19,300 km).

Nyguist originally used AMSOIL products because finding a 5W-40 in his area proved difficult in 2004. Plus, a friend

had been practicing extended drain intervals with AMSOIL synthetic motor oil and oil analysis, which appealed to Nyguist since extended drains have been common in Europe for years. "I was looking for that longer change interval, and I definitely wanted synthetic," he said.

Mechanic "shocked and surprised" at AMSOIL performance

AMSOIL motor oil has performed flawlessly in the engine ever since, which recently hit 300,000 miles (482,800 km). Recently, the front differential failed, which required extensive work to repair. Nyguist had also noticed his engine was wet from oil. "It wasn't leaking profusely or dripping; it was just wet," he said. "And we'd never done the timing chains, which a lot of people change at 100,000 miles (160,934 km) or even less."



After 300,000 miles (482,000 km), the cylinder head contained virtually no sludge or varnish, while the cylinders appeared in excellent condition.

EUROPEAN MOTOR OIL FAMILY

0W-20 LS-VW (EZT):

Use in vehicles that require API SN-PLUS, SN... • ACEA C5 • VW 508.00/509.00

0W-20 LS (AFE):

Use in vehicles that require API SN-PLUS (Resource Conserving), SN, SM... • ILSAC GF-5 • ACEA C5 • A1/B1 • BMW LL-17FE+ • MB 229.71 • Ford WSS-M2C947-B1 • Opel/Vauxhall OV0401547 • Fiat 9.55535-GSX • Chrysler MS-12145 • Volvo VCC RBS0-2AE

0W-40 FS (EFO):

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

5W-30 LS (AEL):

Manufacturer Approvals: VW 504.00/507.00 Use in vehicles that require API SN • ACEA C3 • GM dexos2 • Chrysler MS-1106 • MB 229.51 • BMW LL-04 • Porsche C30

5W-40 MS (AFL):

Manufacturer Approvals: MB-Approval 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

5W-40 FS (EFM):

Manufacturer Approvals: MB-Approval 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 • Opel GM LL-B-025



So, while repairing the differential, his mechanic pulled the engine apart and changed the timing chains and head gasket. What he saw inside surprised him.

"He was completely shocked and surprised by how clean the cylinder head was. Normally he'd see sludge in cars with similar miles," said Nyquist. There was also no sign of a groove at the top of the cylinder bores where the piston ring

rubs against the cylinder at the top of its stroke. "There was barely any varnish in the engine, which was quite surprising," said Nyquist.

No plans to part with his R32

Nyquist has no plans to part with his R32. "It's a keeper for me," he said. "It's in fabulous condition. I've seen other R32s that have half the mileage, and they look terrible," he said.

Nyquist also had a Honda* Pilot* that hit 300,000 miles (482,800 km) using AMSOIL synthetic motor oil before he sold it to his mechanic's brother. The vehicle still runs great at 330,000 miles (531,000 km).

"In both my cars, I've hit 300,000 miles and could have kept going, and that's the only oil they've ever seen."

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.

AMSOIL Keeps Pistons Cleaner

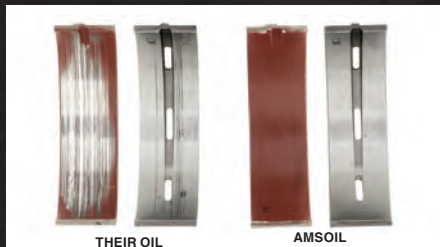
Even after doubling the length of the industry-standard test, AMSOIL delivered **40% cleaner pistons** than required by the standard.^{FF}



^{FF}Based on independent testing of AMSOIL Signature Series 5W-30 in the Sequence IIH Engine Test (ASTM D8111), required by the ILSAC GF-6 and API SP specifications.

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.

AMSOIL Resists Viscosity Increase

AMSOIL is barely challenged by the industry-standard testing, demonstrating only a 0.1% viscosity increase. Even when the test length is doubled, AMSOIL **delivered twice the viscosity control** required by the standard.^{GG}

^{GG}Based on independent testing of AMSOIL Signature Series 5W-30 in the Sequence IIH Engine Test (ASTM D8111), required by the ILSAC GF-6 and API SP specifications.

Signature Series Helps Keep Valves Clean

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

^JBased 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



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

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
AZ01G	EA	1 Gallon	39.25	—
AZ01G	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

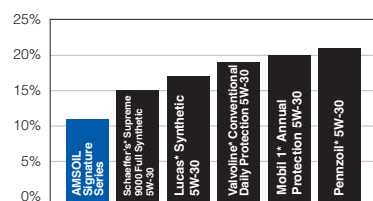
Use in vehicles that require API SP, SN-PLUS, SN... • Ford WSS-M2C931-C (Mustang)

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^o.

^pvs. AMSOIL OE Motor Oil

^oBased 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^e 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



^eBased 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.).

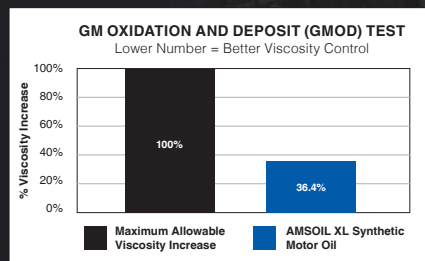
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XL Resists Oil Breakdown

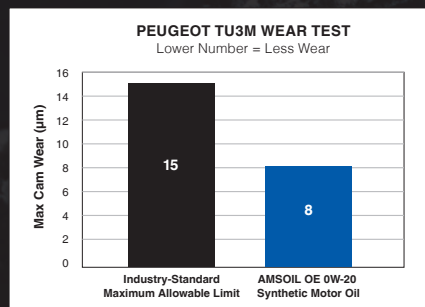
XL provides **64% more protection** against oil breakdown^F than required by the GM dexos1® Gen 2 specification.



^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.



“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 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.oiltesting.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



“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 European Motor Oil

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

5W-30 LS¹³

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 MS

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 FS

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-40 FS¹³

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

0W-20 LS-VW¹³

Use in vehicles that require API SN-PLUS, SN... • ACEA C5 • VW 508.00/509.00

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
EZTQT	EA	1 Quart	9.35	12.45
EZTQT	CA	12 Quarts	106.50	141.75

0W-20 LS

Use in vehicles that require API SN-PLUS (Resource Conserving), SN, SM... • ILSAC GF-5, GF-4... • ACEA C5, A1/B1 • BMW LL-17FE+ • MB 229.71 • Ford WSS-M2C947-B1 • Opel/Vauxhall OV0401547 • Fiat 9.55535-GSX • Chrysler MS-12145 • Volvo VCC RBS0-2AE

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AFEQT	EA	1 Quart	8.10	10.90
AFEQT	CA	12 Quarts	92.30	124.15

¹³See page 47 for Proposition 65 information for this product.

Synthetic Classic/Collector Car Motor Oil





ZRT



ZRD



ZRF



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

10W-40

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

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ZRDQT	EA	1 Quart	9.00	11.50
ZRDQT	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

AMSOIL Delivers Superior Rust Protection

In industry-standard testing, AMSOIL Z-ROD® completely prevented rust formation while a leading competitor did not.¹¹



¹¹Based upon in-house testing of AMSOIL Z-ROD 10W-40 and a leading competitor obtained on 7/25/2019 in ASTM D1748-10.

EAL



BRK



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 47 for Proposition 65 information for this product.

Synthetic Racing Oil



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

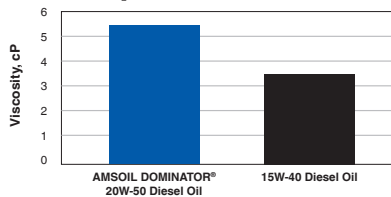
— Bryce Menzies
Professional Off-Road Driver

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	—
DC01G	EA	1 Gallon	36.20	47.05
DC01G	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 47 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.

AMSOIL Fights Wear

AMSOIL delivers **powerful engine protection**. How good is it? In independent testing compared to a leading brand, AMSOIL provided long-lasting wear protection, **keeping cylinder liners looking like new**.^{DD}



^{DD}Based on independent testing of AMSOIL 5W-30 Signature Series Max-Duty Synthetic Diesel Oil and a leading conventional 15W-40 diesel oil using the Detroit Diesel® DD13 Scuffing test for specification DFS 93K222.

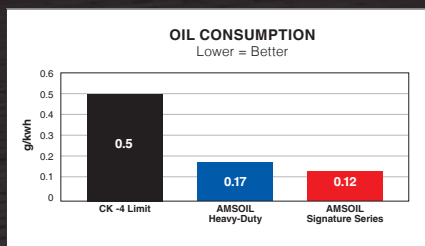
Protects Against Rust

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

^KBased on industry standard testing using the NIMMA 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



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

DHD



DDT



DZF



DEO



DME



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	—

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
DDTTP	EA	(1) 2.5 Gallon	83.80	—
DDTTP	CA	(2) 2.5 Gallons	159.60	—

0W-40

Delivers **4X better cold-temperature performance** when compared to SAE 15W-40 oil in ASTM D5293 Cold Cranking Viscosity test.

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

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

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

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



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. Try Signature Series Max-Duty (p. 22) or Heavy-Duty Synthetic Diesel Oil (p. 23) for a serious upgrade.

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	—

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 47 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-QCFT, 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 • Citroën/Peugeot 9734.S2 • Ferrari/Shell TF DCTF-3 • Fiat BOT 341 • Ford WSS-M2C936-A, WSS-M2C200-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 161838, 161839 • 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 & MB 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 Synchronmesh 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, #12377916 & #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

^{15,17,19} See page 47 for Proposition 65 information for this product.



“Whoever invented the easy-pack concept is a genius. Especially for servicing transfer cases and differentials. It lives up to its name. Not only an innovative oil, but innovative packaging as well.”

– **Joey**
Calif.



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-90¹³

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
SVOPT	EA	(1) Quart Easy-Pack	15.55	20.15
SVOPT	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 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

^{13,21,17} See page 47 for Proposition 65 information for this product.

Fuel Additives



Gasoline Stabilizer¹³

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

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

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.*



Sea Foam



AMSOIL

*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.

¹³See page 47 for Proposition 65 information for this product.



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 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^y

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ADBPNCN	EA	(1) 8-oz. Bottle	4.80	--
ADBPNCN	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.^M Plus raises cetane up to 4 points.

^MBased 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.



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.
ADDCN	EA	(1) 16-oz. Bottle	7.15
ADDCN	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	7.30	9.75
ACBCN	CA	(12) 16-oz. Bottles	83.10	110.90
ACBHG	EA	(1) 64-oz. Bottle	23.60	--
ACBHG	CA	(6) 64-oz. Bottles	134.70	--
ACB05	EA	(1) 5-gal. Pail	201.70	268.40

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.
ADFPCN	EA	(1) 8-oz. Bottle	3.75	--
ADFPCN	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.
ADSPCN	EA	(1) 8-oz. Bottle	4.10	--
ADSPCN	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

^{21,25,17,19}See page 47 for Proposition 65 information for this product.

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
EA15K06	EA	13.65	18.15	EA15K39	EA	19.95	26.45
EA15K07	EA	11.55	15.35	EA042	EA	15.00	19.80
EA15K08	EA	17.35	22.90	EA15K43	EA	16.80	22.25
EA15K09	EA	15.60	20.70	EA15K49	EA	20.50	27.20
EA011	EA	14.35	19.05	EA15K50	EA	13.60	18.10
EA15K12	EA	14.05	18.65	EA15K51	EA	14.05	18.60
EA15K13	EA	14.80	19.60	EA052	EA	15.60	20.65
EA015	EA	15.50	20.60	EA15K53	EA	13.15	17.40
EA15K16	EA	14.70	19.60	EA15K54	EA	18.90	25.00
EA017	EA	14.20	18.75	EA055	EA	21.00	27.90
EA15K19	EA	14.70	19.60	EA059	EA	15.15	20.15
EA15K20	EA	15.40	20.35	EA064	EA	14.35	19.10
EA023	EA	14.35	19.05	EA080	EA	16.65	22.05
EA024	EA	15.65	20.70	EA15K88	EA	31.30	41.40
EA026	EA	17.00	22.50	EA098	EA	25.00	33.10
EA15K28	EA	14.70	19.60	EA099	EA	26.20	34.65
EA15K29	EA	14.90	19.75				

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.



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 98.7 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	11.55	14.45
GRGCR	CA	(10) 14-oz. Cartridges	112.55	140.70

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

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	11.30	14.90
GECCR	CA	(10) 15-oz. Cartridges	109.90	144.90

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.
GWRCR	EA	(1) 14-oz. Cartridge	7.10	9.30
GWRCR	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

^{16,20}See page 47 for Proposition 65 information for this product.

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.

¹³See page 47 for Proposition 65 information for this product.

Photo courtesy of ATV Illustrated

Synthetic Motorcycle Oil

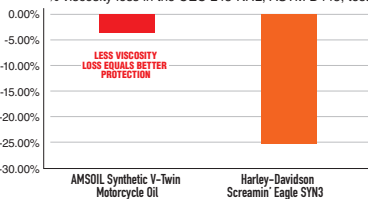


AMSOIL Resists Viscosity Breakdown

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 47 for Proposition 65 information for this product.

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

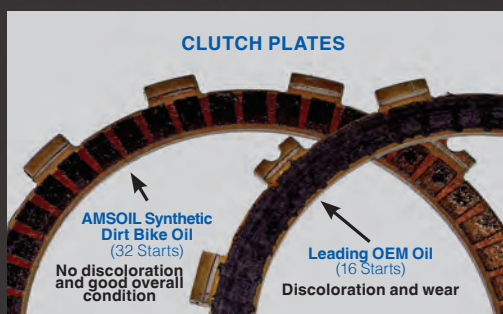
Synthetic Dirt Bike Transmission Fluid

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 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



● 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 47 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 2-Stroke Oil



SABER Professional Fights Carbon

Equipment using SABER Professional was 96% carbon-free^N.



Leading OEM oil after 300 hours



AMSOIL SABER Professional after 300 hours

^NBased on spark-arrestor testing.



Runs On Freedom™ Limited Snowmobile Warranty

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

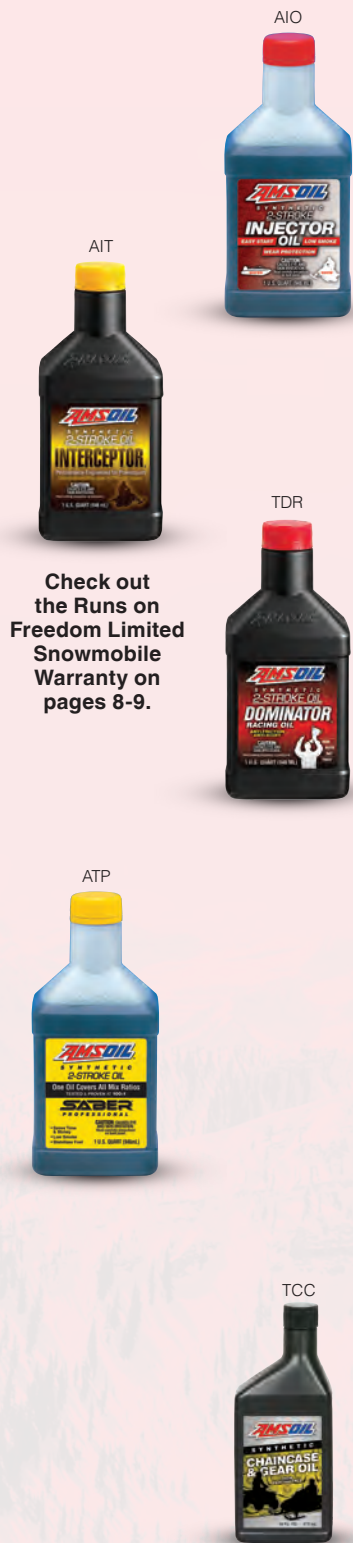
*To get details and register, visit AMSOIL.com/rof/warranty.



POWERFUL PROTECTION WITH A LIMITED WARRANTY TO



CTION
D MATCH



Check out
the Runs on
Freedom Limited
Snowmobile
Warranty on
pages 8-9.

● 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

● 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

● 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

● 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 47 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



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-008337) • 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-008507) • 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-118257) • 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.
ATOB	EA	(1) 8-oz. Bottle	4.20
ATOB	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.²⁴ 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 47 for Proposition 65 information for this product.

²⁴ Based upon AMSOIL testing of AMSOIL Synthetic Marine Gear Lube 75W-90 in ASTM 3233 and ASTM D892.

Cleaners and Protectants



Protection and Dependability
for Generations



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	8.85
ACLSC	CA	(6) 11-oz. Spray Cans	50.55

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	7.60
FOGSC	CA	(6) 12-oz. Aerosol Cans	43.30

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 47 for Proposition 65 information for this product.



Mudslugger®

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	8.10
AMSSC	CA	(12) 12-oz. Spray Cans	92.40

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	9.90
AMHSC	CA	(12) 15-oz. Spray Cans	113.00



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	9.35	12.10
FLSHCN	CA	(12) 16-oz. Bottles	106.75	138.00
FLSH05	EA	(1) 5-gal. Pail	287.20	363.15

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	8.35
AMWSC	CA	(12) 13-oz. Spray Cans	95.35

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. Specifically 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 0146S17004, 0146S17009 • 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 0146S17004, 0146S17009 • 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.



^{15,17,19} See page 47 for Proposition 65 information for this product.

RDCB



STL



STM



AIR



PSF



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	6.95	8.85
PSFCN	CA	(12) 16-oz. Bottles	79.25	100.80



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

^{11,10}See page 47 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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