



► PREFERRED CUSTOMER EDITION

MAGAZINE

FALL 2020



MUSCLE CAR MANIA: VOL. 1

# FORD MUSTANG

## America's Pony Car

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How Extreme Heat Affects Your Engine | PAGE 10



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## From the President

This issue of *AMSOIL Magazine* has a nice feature on the history of the Ford\* Mustang.\* I've always been a Pontiac\* guy, but there's no denying the Mustang's place in American muscle-car history. It has been a hot summer here in the Northland, and I have seen many classics on the road. If you're into classic cars and hot rods, we have an excellent line of products designed just for you: Z-ROD.® Z-ROD delivers advanced synthetic technology designed for the unique demands of classic cars. We introduced a new 10W-40 version this summer. It has the zinc and phosphorus flat-tappet cams need, plus a boosted additive package designed to fight rust and corrosion during storage.

Earlier this year we launched a new version of [AMSOIL.com](http://AMSOIL.com) and introduced a new Canadian website, [AMSOIL.ca](http://AMSOIL.ca). The outward changes were relatively minor, but the backend updates were substantial. Our new site allows us to run more promotions, and we are taking full advantage. We extended our offer for free shipping on orders of \$50 or more through May and June as more people turned to online outlets due to COVID-19 shutdowns, and we ran additional product promos in July. You can expect more exclusive offers in the months ahead.

The pandemic has affected businesses everywhere and forced many layoffs. If you find yourself in this position, or if you are just looking for a way to increase your income, I'd encourage you to explore becoming an AMSOIL Dealer. An AMSOIL Dealership is a great way to add supplementary income selling the products you already know and appreciate to other people like you. It is not a get-rich-quick scheme and it requires lots of hard work, but with time, it can help you overcome adversity and, ultimately, find financial freedom. If that's something you are interested in, check out [joinAMSOIL.com](http://joinAMSOIL.com).

**Alan Amatzio**  
President & CEO

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## PREFERRED CUSTOMER EDITION

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### THE COVER

We take a look at one of the most celebrated cars in the muscle-car market, the Ford Mustang.

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## MUSCLE CAR MANIA: VOL. 1

# Ford Mustang – America’s Pony Car

Our Muscle Car Mania series highlights some of the most iconic muscle cars in history. First up: the Ford\* Mustang.\*

The Mustang has been one of the most celebrated symbols of Americana for nearly six decades. Appearances in hit movies like “Gone in 60 Seconds,” “Bullitt” and “Goldfinger,” partnerships with racing legends like Carroll Shelby and numerous special editions have all helped set it apart as one of the ultimate enthusiast vehicles. Overall, it’s been one of Ford’s most successful models.

### The Kick-Off

The Ford Mustang debuted April 17, 1964 at the World’s Fair at an affordable starting price of \$2,368. The model established a new variety of sporty, compact automobiles, fittingly known as pony cars, with strength and power that could garner respect on the track and the street. With its wide range of interior, exterior and powertrain options, the car appealed to many different lifestyles and quickly became a crowd favorite. In fact, Ford sold almost 7 times more than the company had originally projected.

The Mustang’s incredible popularity led Ford to start making upgrades

even before completing its first model year. Generators were swapped out for alternators, and the higher performance Challenger Special\* 289 c.i. V8 (225 hp) and Challenger HiPo\* 289 c.i. (271 hp) engine options were added. While all sales were reported as 1965 model sales, most enthusiasts refer to early production models as 1964 1/2 models and 1965 models.

### Next In Line

A few short years after its initial launch, the Mustang was fitted with its first big-block 390 in 1967, escalating it to muscle-car status. Several generations of Mustangs rolled out with their own unique features and styles in the late ‘60s and early ‘70s, including the iconic Boss\* 302 and Boss 429, featuring the 302 Windsor\* engine, and the heart-pounding 429 race-inspired 375 hp V8, which replaced the 390, 427 and 428 big blocks. Ford also started introducing several special-edition Mustang models, including the Bullitt,\* the California Special\* and the Shelby GT\* that dominated auto racing in the late ‘60s.

Rising gasoline prices in the early ‘70s shifted Ford’s focus toward fuel economy rather than performance. The Mustang II generation took a sharp turn from the heavy muscle-car style and instead made lighter models with reduced horsepower to keep in line with government fuel regulations.

The 1970s presented many challenges to the muscle-car market. EPA regulations limiting the use of lead in gasoline, the restriction of tailpipe emissions, an oil embargo and the introduction of import vehicles changed the landscape for a decade. It wasn’t until the mid ‘80s when the Mustang was finally fitted with an upgraded 5.0L that produced a respectable 210 hp. This was also when Ford used a roller cam to allow for the use of traditional passenger-car motor oil rather than the high-zinc oil required by its predecessors.

### Mustangs Up To Date

The Mustang continued evolving throughout the years to adapt to changing markets and styles. Throughout the late ‘90s and 2000s





the Mustang saw its 210 hp 5.0L retired for a 215 hp 4.6L, which received mild upgrades until it was replaced by the now legendary Coyote\* 5.0L, which pumped out a whopping 412 hp. The Coyote is still offered today with an improved 460 hp, but smaller-displacement, turbocharged EcoBoost\* offerings are gaining popularity.

### More Muscle Needs More Protection

Many early Mustangs produced less than 300 hp. By contrast, 2020 Mustang engines can pump out up to 760 hp with a supercharged 5.2L. The massive amount of power in today's Mustang engines requires sophisticated lubrication.

Whether you have a classic Mustang or a modern powerhouse, AMSOIL has the specialized products you need to keep it in prime condition.

Early Mustang models were designed to use leaded gasoline. Did you know DOMINATOR® Octane Boost is an excellent lead substitute at the same treat rates in collector automobiles?

Mustang models prior to 1985 are equipped with flat-tappet cams. They require specialized oils like AMSOIL Z-ROD.®

### Z-ROD Synthetic Motor Oil

- Specially engineered for classic and high-performance vehicles
- High-zinc formulation to prevent wear on flat-tappet camshafts and other critical engine components
- Proprietary blend of rust and corrosion inhibitors for added protection during long-term storage.

In 2007, Ford launched an updated Shelby GT500. This model, and all track-package Mustangs manufactured since, require specialized oil like Signature Series 5W-50.

Ford began using the Getrag\* MT-82 manual transmission in 2011. AMSOIL Synthetic DCT Fluid is an excellent choice for this application.

### 100% Synthetic DCT Fluid

- Designed to protect high-tech dual-clutch transmissions during intense, high-heat operating conditions
- Provides the fast, smooth shifts drivers expect
- Use in transmissions found in 2011 and newer Mustangs<sup>1</sup>

<sup>1</sup>Based on review of the Getrag MT-82 manual transmission found in 2011 and newer Mustangs and Ford recommendation of DCT fluid for this application.

# AMSOIL DELIVERS 'SHOCKING' PROTECTION IN DRAG RACING ENGINE

Preferred Customer and truck driver Paul Jordan of Butte, Mont. started racing a Junior Dragster at only 11 years old. At 14, he purchased a Plymouth\* Duster,\* which he's drag-raced since the early 2000s, competing in Montana, Idaho and the surrounding area.

"A friend of the family talked my parents into bringing me out to the racetrack one day and from that point on I was hooked," said Jordan. "I was only the second one in Montana to have a Junior Dragster at that point."

In 2007, Jordan built a Chrysler\* 408 engine for his Duster. He used AMSOIL DOMINATOR® 15W-50 Synthetic Racing Oil (RD50) as the break-in oil and service fill.

As you would expect, the engine constantly operates under severe conditions. It makes about 550 horsepower and regularly hits 5,000-6,000 rpm.

Jordan estimates his Duster has made about 4,000 passes down the drag strip since 2007.

"I've won five championships over the years, so I've made a lot of passes down a lot of tracks," he said.

It uses six quarts of DOMINATOR Synthetic Racing Oil, a WIX oil filter as the primary filter and an AMSOIL Oil Filter as the secondary filter. Most notably, it has run on methanol fuel for the past three years, which is prone to attracting moisture and diluting the oil.

"If you switch to methanol, the rule is you should change oil every other race," said Jordan. Even so, he only changes oil once a year.

"There is no indication of any contamination," said Jordan. "I look

through it to see if there are any metal particles, but I've never had any. I probably could have put two years on the oil if I'd wanted to."

He recently decided to tear down the engine for the first time since building it 13 years ago to refresh it, which typically includes installing new bearings, piston rings and honing the cylinders. He also wanted to make some modifications to increase power.

"I expected to open the engine, pull the bearing caps off and see a couple of them pretty much worn out and on the verge of failure," said Jordan.

Instead, the inside of the engine looked clean and virtually free of wear.

"It was pretty surprising when we pulled it apart, popped the bearings out and they looked nearly brand new," said Jordan. "There's no ridge at all on the cylinder walls, which is incredible. And I used to spray it with nitrous, too. The cylinders are in unbelievable condition. There are a few scuff marks, but nothing you'd expect for something that's been abused for more than a decade. It was really shocking. And I can't believe how clean it was; there was no buildup anywhere."

Jordan said the crankshaft just needed to be re-polished. The car ran its best elapsed times at the drag strip in 2019, meaning it never lost power over the years.



**After 13 years of drag racing, the bearings in Jordan's Chrysler 408 showed virtually no signs of wear.**

"I could reassemble the engine as-is and go another 13 years," said Jordan. "I have no reason to believe, other than AMSOIL, that the engine lasted as long as it did. I use AMSOIL in everything I own. I use it in my pickup truck, my semi, my race car...if AMSOIL made shampoo, I'd use that, too."

Jordan adds that he used AMSOIL Super Shift® Racing Transmission Fluid (ART) in the TF727 transmission used in the car from 2003 to 2017 without a rebuild.

"I truly appreciate the fine lubrication products offered by AMSOIL, and you can expect my loyalty for many more years to come," he said.



**Matt Erickson** | DIRECTOR, TECHNICAL PRODUCT MANAGEMENT

While we rarely have triple-digit temperatures here in the Northland, drivers in the southern U.S. can easily see 100°F (38°C) and hotter throughout summer. Driving in these conditions stresses lubricants, especially when towing or hauling. In fact, our testing in Las Vegas showed that oil-sump temperature increased significantly throughout the day as the sun radiated more intensely off the asphalt.

Extreme heat causes oil to chemically break down faster, resulting in deposits and sludge. As a general rule, chemical reaction rates double with every 10°C (18°F) rise in temperature. Deposits can form throughout the engine, causing issues. Excessive combustion-chamber deposits cause pre-ignition, which reduces engine performance and can damage the engine. Deposits also lead to ring sticking, which reduces compression and horsepower.

The ability to keep your engine clean when exposed to extreme heat is a main differentiator for lubricant performance. As the image shows, AMSOIL Signature Series Synthetic Motor Oil does an excellent job keeping pistons clean. We tested Signature Series in the Sequence IIH test, which is required by the ILSAC GF-6 and API SP specifications, to demonstrate its ability to keep engines clean. The test subjects oil to 151°C (304°F) heat for 90 minutes – far hotter than your engine will ever get. Signature Series didn't even break a sweat. Its viscosity was like that of new oil, and the pistons were still nearly spotless. To really test the oil, we told the lab to reassemble the engine and run the test again using the same oil. Even after doubling the test length, the oil still beat the standard by delivering 40 percent cleaner pistons.

These results were achieved because we formulate Signature Series to provide maximum protection. Among other features, it is fortified with potent detergent and dispersant additives that hold contaminants in suspension and keep them from settling in the engine. This is vital to everyone who cares about engine protection, but doubly so for motorists in regions where the temperature hits triple digits several months out of the year.

Maintaining sufficient viscosity to keep bearing surfaces separated is another concern when driving in the heat. While anti-wear additives are critically important, lubricant viscosity, or thickness, is the main mechanism to keep surfaces separated by an oil film.

Heat, however, reduces oil viscosity, compromising wear protection. When oil loses too much viscosity (gets too thin), it can fail to prevent metal-to-metal contact, causing wear. Since lubricants generally thin as temperatures increase, we must formulate them to provide effective separation at the highest expected operating temperature. The base oil influences a property called viscosity index (VI), which indicates the change in oil viscosity in relation to temperature. Oils with high viscosity indices do a better job maintaining viscosity in extreme

## Synthetic lubricants excel in summer heat.

Heat creates deposits. And deposits create problems.

### AMSOIL Keeps Pistons Cleaner

Even after doubling the length of the industry-standard test, AMSOIL delivered **40% cleaner pistons** than required by the standard.<sup>FF</sup>



<sup>FF</sup>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.

heat. As you might expect, synthetic motor oils have higher viscosity indices than conventional oils, meaning they protect better when the heat is on.

In these situations, you can drive confidently and carefree knowing that you have AMSOIL synthetic motor oil in your engine. It has been tested in the field and in labs at temperatures far beyond those your engine will ever see. It's proven to provide excellent protection, even at those extremes.





# A PRODUCT FOR EVERYTHING ON THE ROAD OR WATER THIS SUMMER

It's prime time to load your truck or SUV, hook up the camper or boat (sometimes both) and hit the road. You want to reach your fishing or camping destination with no breakdowns. To ensure your vehicles and equipment cooperate, use AMSOIL synthetic lubricants for maximum protection and performance. We make a product for just about everything you drive, tow or haul.

## Marine Oil

Marine engines run at higher rpm than automotive engines, are always under load and are exposed to damaging moisture that can cause rust. Enthusiasts should use a dedicated marine oil for best protection.



## Synthetic Marine Engine Oil

- Excellent high-stress, high-rpm endurance
- Increased rust and corrosion protection

## HP Marine®

- Excellent for Evinrude® E-TEC® factory-lean setting (replaces Evinrude XD100® 2-Cycle Oil)
- Helps prevent deposits
- Protects against wear

## Marine Gear Lube

- Delivers advanced outboard protection against power loss and gear wear, even with up to 15 percent water contamination<sup>5</sup>
- Easy-pack eliminates the need to use a messy gear-lube pump



## Grease

Constant exposure to water when launching and landing your boat can wash away inferior greases, leaving bearings unprotected.

- Resists water washout
- Fights corrosion
- Protects against wear



## Firearm Lubricant

- Effectively lubricates fishing-reel gears



## Small-Engine Oil

Campers and anglers typically use generators, which don't often see regular service. Synthetic Small-Engine Oil is a commercial-grade formulation designed to outperform automotive oils.

- Extended drain intervals – up to 200 hours/one year
- Helps extend engine life
- Rust-inhibited



## Glass Cleaner

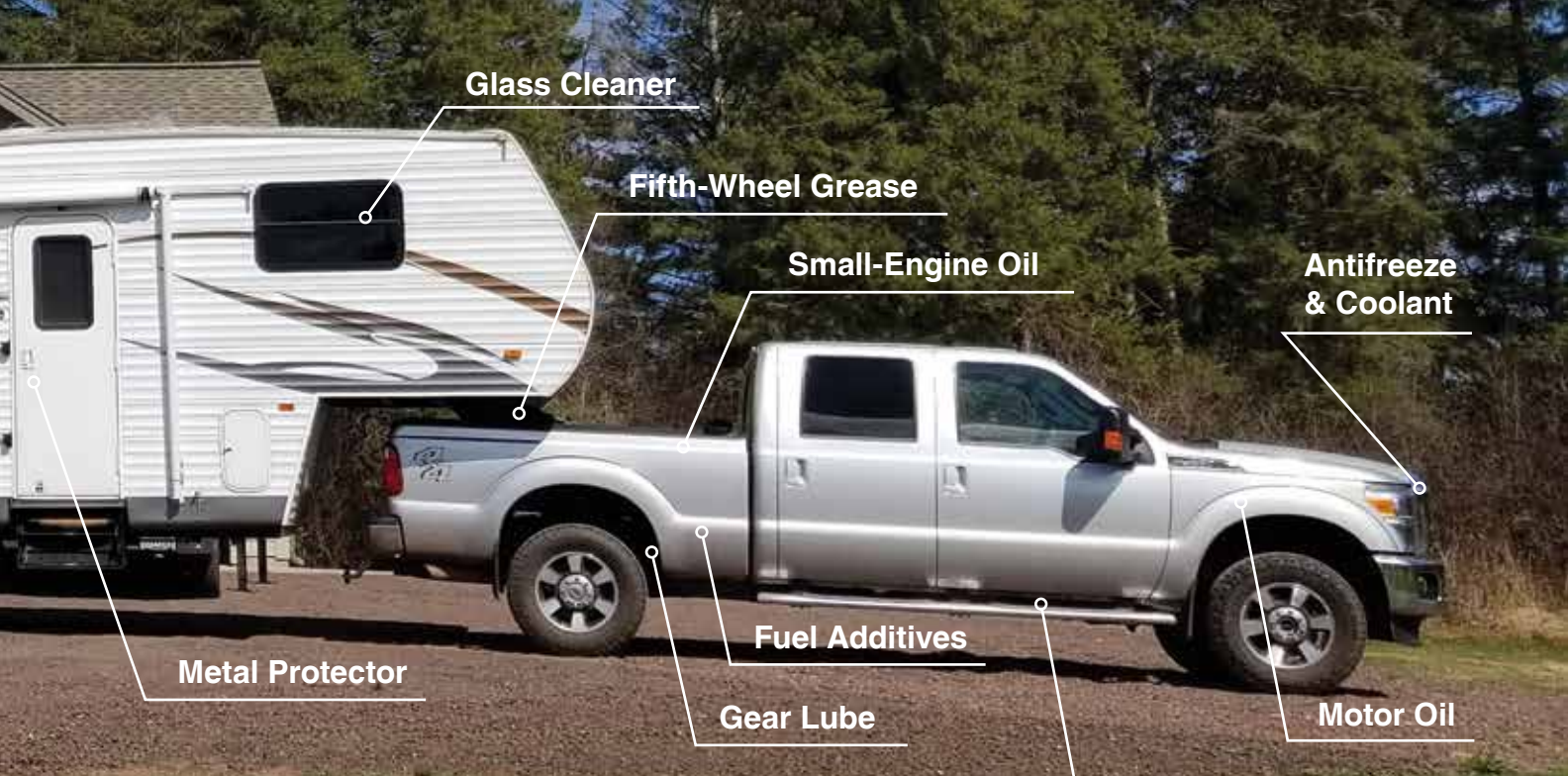
- Leaves a streak-free shine on vehicle and camper windows



## Metal Protector

The 4-oz. can stows easily in a camper or glovebox. Use it to lubricate metal pivot points, trailer hitches, hinges and other components. It also works great for cleaning fishing reels.





**Motor Oil**

Summer travelers appreciate the freedom of going longer between oil changes than conventional oils allow. They also value AMSOIL synthetic motor oils' advanced wear protection to help keep their vehicles running strong.

- Signature Series Synthetic Motor Oil provides 75% more protection against horsepower loss and wear.<sup>1</sup>
- Heavy-Duty Synthetic Diesel Oil delivers 4X more engine protection.<sup>2</sup> Signature Series Max-Duty Synthetic Diesel Oil provides 6X more engine protection.<sup>3</sup>

**Fifth-Wheel Grease**

- Provides outstanding protection and performance in the heavily-loaded, harsh operating environments specific to fifth-wheel hitches.



**Transmission Fluid**

AMSOIL synthetic transmission fluids deliver reserve protection against heat from towing and hauling.

- Fights sludge for long component life
- Promotes smooth, reliable shifts
- Reserve protection in case you go longer between fluid changes than recommended



**Gear Lube**

SEVERE GEAR® Synthetic Gear Lube forms a strong, protective film on gears and bearings for maximum wear protection.

- Advanced protection against wear, even with up to 15 percent water contamination<sup>4</sup>
- Controls Thermal Runaway
- Maximum efficiency
- Flexible easy-pack for clean, fast installation



**Antifreeze & Coolant**

AMSOIL antifreeze and coolants meet the needs of hot-running vehicles towing heavy loads at the height of summer.

- Engineered to exceed original equipment manufacturer (OEM) requirements
- Pre-mixed 50/50 with high-purity water (ANTPC and ANTHD)
- Boil-over protection up to 265°F (129°C) with a 15 psi radiator cap



**Fuel Additives**

Drivers always want to keep moving, not stop for gas. AMSOIL fuel additives clean injectors for maximum MPG.

- P.i.<sup>5</sup> increases fuel economy up to 5.7%.
- Diesel All-in-One increases fuel economy up to 8%.



<sup>1</sup>Based on independent testing of AMSOIL Signature Series 0W-20, in ASTM D6891 as required by the API SN specification. <sup>2</sup>than required by the Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222 using 5W-30 as worst-case representation. <sup>3</sup>than required by the Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222 using 10W-30 as worst-case representation. <sup>4</sup>Based upon AMSOIL testing of AMSOIL Synthetic SEVERE GEAR® 75W-90 in ASTM 3233 and ASTM D892. <sup>5</sup>Based upon AMSOIL testing of AMSOIL Synthetic Marine Gear Lube 75W-90 in ASTM 3233 and ASTM D892.



# How Extreme Heat Affects Your Engine

As operating temperatures increase, so does your vehicle's need for high-quality synthetic motor oil.

The average operating temperature of a passenger car/light truck engine is up to 235°F (113°C), and higher under heavy loads.

Motorists are becoming more familiar with the technologies responsible for this increased heat, specifically turbochargers. Automakers are designing engines using these performance-enhancing technologies to keep pace with increasingly strict fuel economy and emissions standards. Extreme heat, however, can lead to a host of problems, all of which reduce engine performance and life.

## Deposits & Sludge

Heat can quickly break down motor oil, creating deposits on the intake valves, which impede airflow into the engine and contribute to poor sealing of the combustion chamber. This can lead to rough idle, misfire and reduced power and fuel economy.

Extreme heat depletes the additives sooner, altering the oil's chemistry and

preventing it from lubricating, cooling and protecting as designed. Sludge can form, which clogs narrow oil passages and prevents oil from reaching vital components, causing wear. Preventing sludge is particularly important in engines that use variable valve timing (VVT). Intricate parts sensitive to sludge can fail to operate properly, resulting in reduced performance.

## Oil Consumption

When oil volatilizes, the lighter molecules evaporate, leaving behind the heavier components. This leads to viscosity increase, which makes the oil more difficult to circulate and reduces fuel efficiency. You may have experienced this when your car "uses" oil and requires frequent top-offs. Volatilization also creates emissions that contribute to air pollution.

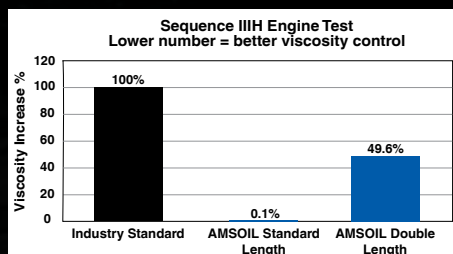
If enough motor oil is consumed, eventually there may not be enough to reach all the complex parts of the engine, resulting in wear.



AMSOIL synthetic motor oils are formulated with high-performance additives and base oils that offer improved resistance to heat, maximizing the performance and life of your engine and keeping it clean. Independent, third-party lab testing, detailed below, demonstrates the superior performance of AMSOIL synthetic motor oils in high operating temperatures.

## 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.<sup>GG</sup>



<sup>GG</sup>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 Guards Turbos

Protects turbochargers **72% better** than required<sup>c</sup> by the GM dexos1<sup>®</sup> Gen 2 specification.

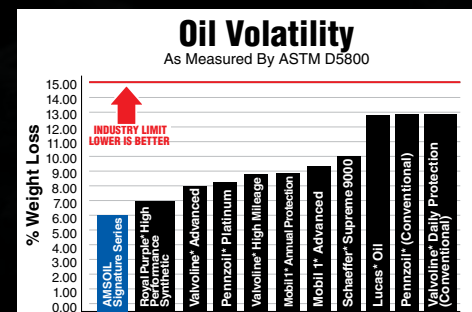


Signature Series controlled heat and minimized performance-robbing deposits on the turbo-bearing and shaft surfaces.

<sup>c</sup>Based on independent testing of AMSOIL Signature Series 5W-30 in the GM turbo coking 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.

## Signature Series Helps Keep Valves Clean

AMSOIL fights volatility<sup>d</sup> **38% better** than Mobil 1<sup>®</sup> and **17% better** than Royal Purple,<sup>e</sup> helping reduce oil consumption and keep valves clean.



<sup>d</sup>Based 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.





### Signature Series Cleans

AMSOIL Signature Series Synthetic Motor Oil has **50% more** detergents<sup>D</sup> to help keep oil passages clean and promote oil circulation. It provides **90% better protection** against sludge.<sup>DD</sup>



The oil pick-up tube screen is virtually free of sludge.

<sup>D</sup>vs. AMSOIL OE Motor Oil

<sup>DD</sup>Based on independent testing of AMSOIL Signature Series 5W-30 in the ASTM D6593 engine test for oil screen plugging as required by the API SN-PLUS specification.

### AMSOIL Keeps Pistons Cleaner

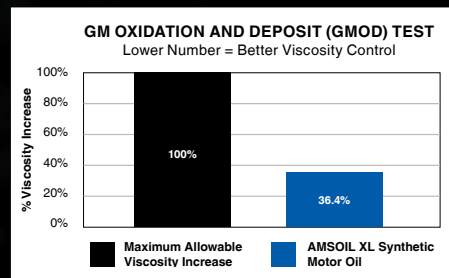
Even after doubling the length of the industry-standard test, AMSOIL delivered **40% cleaner pistons** than required by the standard.<sup>FF</sup>



<sup>FF</sup>Based on independent testing of AMSOIL Signature Series 5W-30 in the Sequence I/H Engine Test (ASTM D8111), required by the ILSAC GF-6 and API SP specifications.

### XL Resists Oil Breakdown

Provides **64% more protection** against oil breakdown<sup>F</sup> than required by the GM dexos1<sup>®</sup> Gen 2 specification.



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

# MORE POWER, LESS OIL: THE CHALLENGES OF PROTECTING YOUR DIRT BIKE

Like other vehicles, dirt bikes today produce more power from smaller engines. In many cases, only about a quart of oil is responsible for protecting against wear and the devastating effects of extreme heat. The oil must be up to the challenge for enthusiasts to get maximum performance and life from their bikes.

Whether they're riding the trails near home or competing in sanctioned motocross races, riders' motivation is the same: to get out in front of their buddies or grab the holeshot and ride their way to a checkered flag. As such, riders are constantly on the throttle. Dirt bike engines rev high, with some models hitting 10,000 rpm.

In addition, summer is peak riding season. Hot ambient temperatures combined with a high-revving engine create severe conditions that can reduce performance and shorten engine life.

Heat causes metal engine components to expand. If, for example, the piston expands beyond normal tolerances, it can break the lubricant film separating it from the cylinder wall and rub directly against the metal, causing scuffing and wear. Eventually, the piston will fail and wreck the engine.

Motor oil is an enthusiast's number-one defense against piston scuffing and wear. The oil absorbs heat and allows it to dissipate into the atmosphere via the oil sump. It should also form a thick, resilient film on engine parts to prevent metal-to-metal contact. Its detergents and

dispersants must hold combustion by-products in suspension and prevent them from forming harmful engine deposits that can lead to piston-ring sticking and power loss.

---

**Most dirt bikes use about the same volume of oil as a push lawnmower despite making 10X the power.**

---

Most dirt bikes, however, hold only about a quart of oil. A minimal amount of oil is asked to perform the daunting task of resisting extreme heat and wear in your expensive, powerful dirt bike engine. The oil had better be up to the challenge or else the engine can wear out and fail.

This situation shows the importance of using a high-quality oil like AMSOIL Synthetic Dirt Bike Oil.

Our dirt bike oil isn't merely a rebadged automotive oil. We identified the suffering points of modern dirt bikes by working with professional supercross and motocross riders. We validated AMSOIL Synthetic Dirt Bike Oil on the track and in our mechanical lab.

The result is an advanced oil that delivers excellent protection against wear and extreme heat in high-revving, powerful bikes.

In addition, we designed it to provide confident clutch feel. Riders look for lubricants that provide not only wear protection, but consistent clutch feel from the time the gate drops until they cross the finish line.





- **Delivers** confidence in clutch feel
- **Superior** protection against gear, bearing & piston wear
- **Maximizes** horsepower
- **Helps** extend clutch life



2020 KTM\* 450 EXC-F

53 hp

1.27 qts

2020 Honda\* CRF450R

53 hp

1.1 qts

2020 Kawasaki\* KX\* 450

52 hp

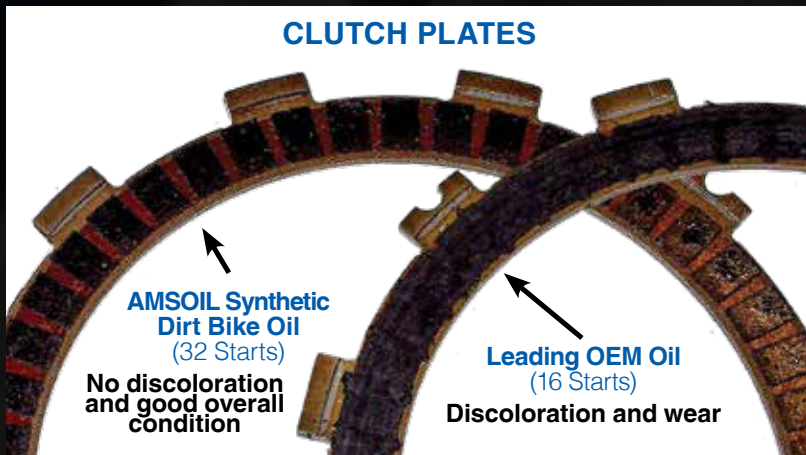
1.0 qts

Oils that break down due to heat and stress lead to clutch slippage and sloppy, inconsistent clutch feel, reducing rider performance. Here, too, AMSOIL Synthetic Dirt Bike Oil proves superior, as the test results show. It delivers excellent clutch protection for confident shifts from the gate-drop to the checkered flag and from the first mile to the last. It helps maximize the performance of both bike and rider.



### AMSOIL delivers confident clutch feel.

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



<sup>T</sup>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. \*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 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<sup>A</sup>, extending the life of vital components like pistons and cams.

<sup>A</sup>Based 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.<sup>FF</sup>



<sup>FF</sup>Based on independent testing of AMSOIL Signature Series 5W-30 in the Sequence IIIH 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<sup>F</sup>. AMSOIL provided far superior wear protection and kept bearings looking like new.



<sup>F</sup>Testing 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.<sup>GG</sup>

<sup>GG</sup>Based on independent testing of AMSOIL Signature Series 5W-30 in the Sequence IIIH Engine Test (ASTM D8111), required by the ILSAC GF-6 and API SP specifications.

## Signature Series Helps Keep Valves Clean

AMSOIL fights volatility<sup>J</sup> **38% better** than Mobil 1<sup>®</sup> and **17% better** than Royal Purple<sup>®</sup>, helping reduce oil consumption and keep valves clean.

<sup>J</sup>Based on independent testing of AMSOIL Signature Series Synthetic 5W-20, Mobil 1<sup>®</sup> Advanced Synthetic 5W-20, Royal Purple<sup>®</sup> 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 • Honda HTO-06 • Ford WSS-M2C946-A, WSS-M2C929-A, WSS-M2C946-B1

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

### ● 5W-30

Use in vehicles that require API SP (Resource Conserving), SN-PLUS, SN... • ILSAC GF-6A, GF-5, 4... • 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

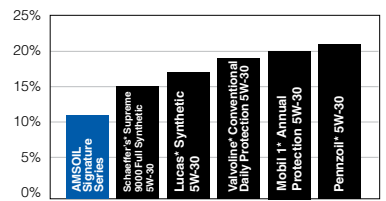
Use in vehicles that require API SP, SN-PLUS, SN... • Ford WSS-M2C931-C (Mustang)

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**<sup>o</sup>, providing superior protection of pistons, cams and bearings.

**VISCOSITY BREAKDOWN**  
Represented By % Viscosity Lost In The Kurt Orbnah Test



<sup>o</sup>Based 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 Orbnah Test. Oils purchased on 5/3/18.

## Signature Series Guards Turbos

Signature Series protects turbochargers **72% better** than required<sup>d</sup> by the GM dexos1<sup>®</sup> Gen 2 specification.

<sup>d</sup>Based 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.<sup>b</sup>

<sup>b</sup>Based 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<sup>p</sup> to help keep oil passages clean and promote oil circulation. It provides **90% better protection** against sludge<sup>pd</sup>.

<sup>p</sup>vs. AMSOIL OE Motor Oil

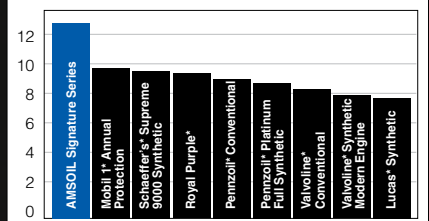
<sup>pd</sup>Based on independent testing of AMSOIL Signature Series 5W-30 in the ASTM D6593 engine test for oil screen plugging as required by the API SN PLUS specification.

## Signature Series Neutralizes Acids

AMSOIL Signature Series is fortified with a heavy treatment of detergent additive and it delivers 30% more acid neutralizing power<sup>e</sup> 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



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

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

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

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





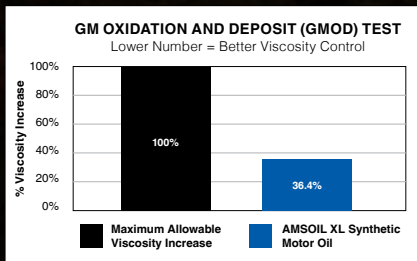


“I have been using AMSOIL in particular the XL series for many years. I have 2 vehicles over 500,000 km. Both vehicles are running good. The engine is going to outrun the rusty body!”

– Henry  
Alberta

### XL Resists Oil Breakdown

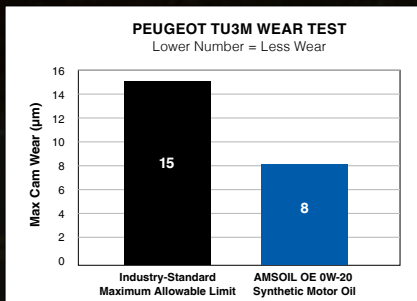
XL provides **64% more protection** against oil breakdown<sup>F</sup> than required by the GM dexos1<sup>®</sup> Gen 2 specification.



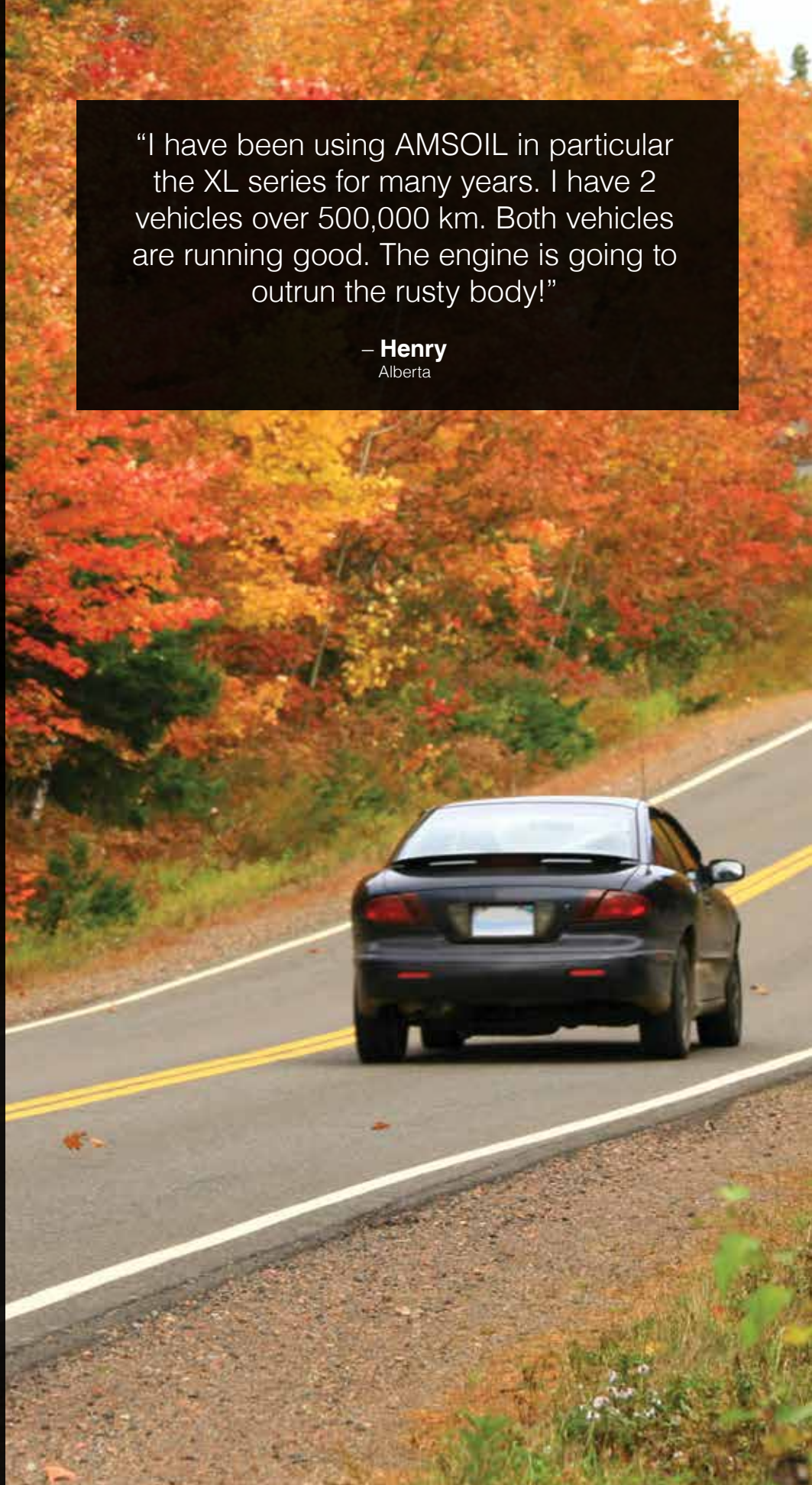
<sup>F</sup>Based on independent testing of AMSOIL XL 5W-30 motor oil in the GMOD engine test required for the GM dexos1 Gen2 specification.

### OE Protects Against Wear

OE provides **47 percent more** wear protection.<sup>G</sup>



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







## XL Synthetic Motor Oil

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

### ● XL 0W-20

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

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

### ● XL 5W-20

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

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

### ● XL 5W-30

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

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

### ● XL 10W-30

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

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

### ○ XL 10W-40

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

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

### Tough-to-reach fill hole?

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

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



## OE Synthetic Motor Oil

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

### ● OE 0W-16

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

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

### ● OE 0W-20

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

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

### ● OE 5W-20

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

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

### ● OE 5W-30

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

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

### ● OE 10W-30

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

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

## Oil Analyzers

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

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



# Synthetic European Motor Oil

## Protection Geared for European Vehicles

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



## European Car Formula Synthetic Motor Oil

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

### 5W-30<sup>13</sup>

Manufacturer Approvals: VW 504.00/507.00

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

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

### 5W-40

Manufacturer Approvals: MB 229.51 • Porsche A40

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

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

### 0W-40

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

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

### 5W-40<sup>13</sup>

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

<sup>13</sup>See page 43 for Proposition 65 information for this product.

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

– Tom  
Atlanta, Ga.



# Synthetic Classic/Collector Car Motor Oil

## Performance on the Street, Protection During Storage

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



## Z-ROD® Synthetic Motor Oil

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

### ● 10W-30

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

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

### ● 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.<sup>JJ</sup>



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

EAL



## Assembly Lube<sup>17</sup>

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 Oil<sup>17</sup>

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

<sup>17</sup>See page 43 for Proposition 65 information for this product.

BRK



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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# Synthetic Racing Oil



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

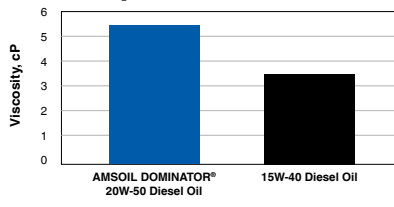
— Bryce Menzies  
Professional Off-Road Driver

## DOMINATOR® Protects Better

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

### HIGH-TEMPERATURE/HIGH-SHEAR (HTHS) VISCOSITY

Higher = Better Wear Protection



<sup>H</sup>Compared 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-20<sup>17</sup>

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-30<sup>17</sup>

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-50<sup>17</sup>

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 60<sup>17</sup>

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

### ● 20W-50 Synthetic Competition Diesel Oil

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

### ● Briggs & Stratton Synthetic 4T Racing Oil<sup>17</sup>

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

<sup>17</sup>See page 43 for Proposition 65 information for this product.



EAAR



EAPF



# Synthetic Diesel Oil



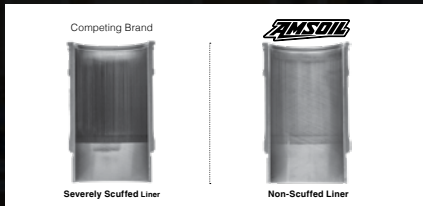
## Keeps Turbos Clean

Signature Series Max-Duty Synthetic Diesel Oil provides protection boosted to the max, delivering up to **60% better turbo cleanliness<sup>1</sup>** and withstanding the extra demands you place on the turbo when pulling heavy loads or updating the tune for maximum horsepower.

<sup>1</sup>Based 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**.<sup>DD</sup>



<sup>DD</sup>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<sup>®</sup> DD13 Scuffing test for specification DFS 93K222.

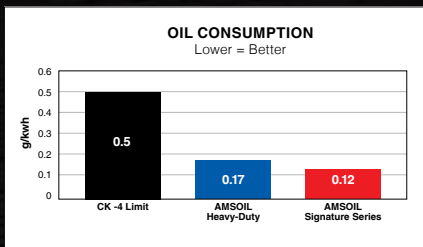
## Protects Against Rust

Signature Series Max-Duty Synthetic Diesel Oil provides up to **2X better rust protection**.<sup>K</sup>

<sup>K</sup>Based 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.<sup>L</sup>



<sup>L</sup>Than required by the API CK-4 standard in the Caterpillar-1N oil consumption test.

DHD



## Signature Series Max-Duty Synthetic Diesel Oil

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

### ● 5W-30

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

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

DDT



### ● 10W-30

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

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DDT1G	EA	1 Gallon	34.00	44.45
DDT1G	CA	4 Gallons	129.40	169.30
DDTTP	EA	(1) 2.5 Gallon	83.80	-
DDTTP	CA	(2) 2.5 Gallons	159.60	-

DZF



### ● 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 · Chrysler MS 10902 · Ford WSS-M2C171-F1

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

DEO



### ● 5W-40

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

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

DME



### ● 15W-40

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

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

<sup>1</sup>than 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.<sup>1</sup>

### ● 10W-30

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

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

### ● 5W-40

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

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

### ● 15W-40

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

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

## CI-4+ Synthetic Diesel Oils

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

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	-

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



# Synthetic Transmission Fluid



## Signature Series Synthetic ATF

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

### ● Multi-Vehicle<sup>17</sup>

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-Efficient<sup>17</sup>

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-Vehicle<sup>17</sup>

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

<sup>17</sup>AMSOIL 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](http://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-Efficient<sup>17</sup>

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

<sup>17</sup>See page 43 for Proposition 65 information for this product.

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

— Jimmy  
Upstate NY





### ○ Synthetic CVT Fluid

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

Use in belt- and chain-type CVTs that require BMW EZL 799A (8322 0 136 376 /8322 0 429 154) - Daihatsu Amix CVTF-DG, CVTF-DFE - FCA Mopar CVTF +4 (Mopar CVT 4) - Ford M2C928-A (CFT 23), WSS-M2C933-A (CFT 30, Motorcraft XT-7-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 • Citroen/Peugeot 9734.S2 • Ferrari/Shell TF DCTF-3 • Fiat BOT 341 • Ford WSS-M2C936-A, WSS-M2C100-D2, XT-11-QDC • Mercedes Benz 236.21, 236.25 • Mitsubishi Dia-Queen SSTF-I • Nissan GT-R Transmission Oil R35 Special • Pentosin FFL-2, FFL-3, FFL-4 • Porsche 999, 917,080.00, 043 207 29, 043 207 30, 000 430 20 • Renault BOT 450 • Volvo 1161838, 1161839 • VW/Audi G 052 182, G 052 529, TL 521 82

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

### ○ Synthetic Manual Transmission and Transaxle Gear Lube<sup>15</sup>

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

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

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

### ○ Synthetic Synchronesh Transmission Fluid

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

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

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

### ○ Super Shift<sup>®</sup> Synthetic Racing Transmission Fluid<sup>17</sup>

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<sup>®</sup> Synthetic Heavy-Duty ATF<sup>17</sup>

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 Oil<sup>13</sup>

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

<sup>13,15,17</sup>See page 43 for Proposition 65 information for this product.



# Synthetic Gear Lube



## SEVERE GEAR® Synthetic Gear Lube

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

### ● 75W-90

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

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

### ○ 80W-90<sup>13</sup>

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

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

### ● 75W-110

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

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

### ● 75W-140

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

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



## Easy Installation

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

## ● Slip Lock® Differential Additive<sup>21</sup>

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 190<sup>17</sup>

*Available while supplies last.*

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

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

### ● SAE 250<sup>17</sup>

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-90<sup>13</sup>

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-140<sup>13</sup>

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.
FGR05	EA	(1) 5-gal. Pail	214.20	271.70

<sup>21</sup>, <sup>17</sup>, <sup>13</sup> See page 43 for Proposition 65 information for this product.



# Fuel Additives



## Gasoline Stabilizer

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

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

## AMSOIL Fights Corrosion

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



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

## Upper Cylinder Lubricant<sup>13</sup>

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 Improver<sup>13</sup>

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

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

## Quickshot®

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

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

## DOMINATOR® Octane Boost<sup>21</sup>

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 Recovery<sup>21</sup>

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	131.50	171.40



## Diesel Cold Flow<sup>17</sup>

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

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

## Diesel Cetane Boost

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

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

## Diesel Injector Clean<sup>19</sup>

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

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

## Diesel Injector Clean + Cetane Boost<sup>21</sup>

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

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

## Diesel All-In-One<sup>25</sup>

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<sup>†</sup>

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

## Superior Cold-Temperature Protection

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

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



## Extended Filter Life

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

## Oil Filters

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

EAHD



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

EABP



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

EAAU



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



# Grease



## DOMINATOR® Synthetic Racing Grease

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

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

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

## Synthetic Polymeric Off-Road Grease

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

### ● Synthetic Polymeric Off-Road Grease<sup>16</sup>

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 Grease<sup>20</sup>

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

<sup>16,20</sup>See page 43 for Proposition 65 information for this product.

## Arctic Synthetic Grease

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

Use in applications that require NLGI No. 1

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

## Synthetic Multi-Purpose Grease

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

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

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

## Synthetic Water-Resistant Grease

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

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

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

## Synthetic Fifth-Wheel Grease

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

Use in applications that require NLGI No. 2

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

## Spray Grease

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

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



# Synthetic ATV/UTV Oil



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







### Synthetic ATV/UTV Motor Oil

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

#### ● 10W-40

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

#### ● 5W-50

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



### ● Synthetic ATV/UTV Transmission & Differential Fluid

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

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

### ● Synthetic ATV/UTV Powertrain Fluid<sup>13</sup>

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](http://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.

<sup>13</sup> See page 43 for Proposition 65 information for this product.

Photo courtesy of ATV Illustrated



# Synthetic Dirt Bike Oil



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

— **CAJO**  
Alpine, Utah







### Synthetic Dirt Bike Oil

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

#### ● 10W-40

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

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

#### ● 10W-50

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

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

#### ● 10W-60

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

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

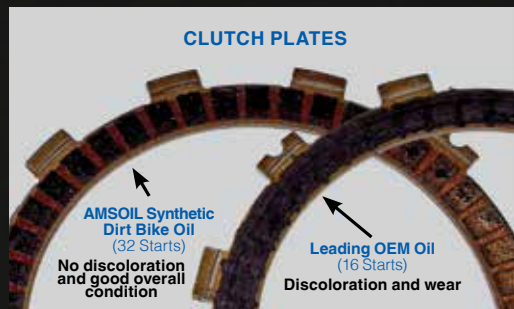
### ○ Synthetic Dirt Bike Transmission Fluid

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

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

#### AMSOIL delivers confident clutch feel.

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



<sup>T</sup>Based on dyno testing of a Honda CRF450 dirt bike using AMSOIL 10W-40 Synthetic Dirt Bike Oil and a leading original equipment manufacturer 10W-40 conventional dirt bike oil.



# Synthetic Motorcycle Oil

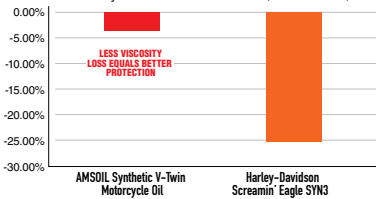


## AMSOIL Resists Viscosity Breakdown

AMSOIL resists viscosity breakdown **6X better** than Harley-Davidson\* SYN3\* for improved protection against compensator and transmission gear wear.<sup>BB</sup>

### Viscosity Breakdown

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



\*\*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 Boost<sup>21</sup>

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

<sup>21</sup>See page 43 for Proposition 65 information for this product.



# Synthetic 2-Stroke Oil



## 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/rolwarranty](http://AMSOIL.com/rolwarranty).



## SABER Professional Fights Carbon

Equipment using SABER Professional was **96% carbon-free**<sup>N</sup>.



<sup>N</sup>Based on spark-arrestor testing.



## ● Synthetic 2-Stroke Injector Oil<sup>13</sup>

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 Oil<sup>13</sup>

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 Oil<sup>13</sup>

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 Oil<sup>13</sup>

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

<sup>13</sup>See page 43 for Proposition 65 information for this product.



# Synthetic 4-Stroke Oil

## Commercial-Grade Synthetic Oil for Small Engines

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

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



AFF



AES



ASE



ASF



AHF



ASO



ABC

## ● Formula 4-Stroke® Power Sports Synthetic Motor Oil

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

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

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

## Synthetic Small-Engine Oil

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

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

### ○ 5W-30

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

### ● 10W-30

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

### ● 10W-40

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

## ● 20W-50 Zero-Turn Synthetic Hydrostatic Transmission Fluid<sup>13</sup>

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 Oil<sup>13</sup>

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 Oil<sup>17</sup>

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

<sup>13,17</sup>See page 43 for Proposition 65 information for this product.



# Synthetic Marine Oil



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

— **Runky**  
Portsmouth, RI





WCT



WCF



WCM



HPM



ATO



AGM



## Synthetic Marine Engine Oil

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

### ● 10W-30

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

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

### ● 10W-40

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

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

### ● 25W-40 (Synthetic Blend)<sup>23</sup>

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

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

## ● HP Marine™ Synthetic 2-Stroke Oil<sup>13</sup>

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 Oil<sup>13</sup>

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

Use in boat motors that require TC-W3

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

## ● Universal Synthetic Marine Gear Lube

Resists foam and retains extreme-pressure qualities in outboard lower units, stern drives, V-drives, bow and tunnel thrusters and marine transmissions. Delivers advanced outboard protection against power loss and gear wear, even with up to 15 percent water contamination.<sup>Y</sup> 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 Pump<sup>27</sup>

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

<sup>23,13,27</sup> See page 43 for Proposition 65 information for this product.  
<sup>Y</sup> 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	8.70
ACLSC	CA	(6) 11-oz. Spray Cans	49.50

## Engine Fogging Oil

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

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

## Power Foam®

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

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

## Heavy-Duty Degreaser

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

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

## Silicone Spray<sup>26</sup>

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

<sup>26</sup>See page 43 for Proposition 65 information for this product.





### Mudslinger®

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

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

### Engine Degreaser

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

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

### Glass Cleaner

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

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

### Metal Protector

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

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

### Heavy-Duty Metal Protector

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

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

### Engine and Transmission Flush

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

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

### Miracle Wash® Waterless Wash & Wax

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

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

### Synthetic Firearm Lubricant and Protectant

Effectively lubricates and protects firearms, helping extend life and prevent blockage, jams and wear. Outstanding protection and performance in both hot and cold climates. 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 & Coolant<sup>15</sup>

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 & Coolant<sup>15</sup>

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.



<sup>15,13,17</sup> See page 43 for Proposition 65 information for this product.

## DOMINATOR® Coolant Boost

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

**Warm up your car 54% faster. See the Coolant Boost product page at [amsoil.com](http://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 Fluid<sup>17</sup>

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 Fluid<sup>17</sup>

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 Fluid<sup>13</sup>

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

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

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





### DOT 3 & 4 Synthetic Brake Fluid<sup>11</sup>

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 Fluid<sup>10</sup>

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

<sup>10,11</sup>See page 43 for Proposition 65 information for this product.

## CALIFORNIA PROPOSITION 65 WARNING STATEMENTS

- 10** **⚠️ WARNING:** This product can expose you to 2,2'-Iminodiethanol, which is known to the State of California to cause cancer, and Ethanediol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.P65Warnings.ca.gov).





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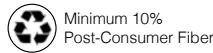
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