



#### STAFF

Editor Terry Johnsen

Associate Editor Joel Youngman

Staff Writers Kathy Anderson John Baker Dan McClelland Jamie Trembath Joel Youngman

Graphic Design Manager Jeff Spry

Senior Graphic Designer Luke Boynton

Content Contribution Matt Erickson Len Groom

Editorial Contribution Mike Caruso

#### **Back Issues**

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

> On the Web www.amsoil.com

President & CEO Alan Amatuzio

Board Chair Dean Alexander

© 2019, AMSOIL INC. All rights reserved.

Printed by Arrowhead Printing Duluth, MN USA.

#### Testimonials

AMSOIL INC. Communications Department The AMSOIL Building 925 Tower Ave. Superior, WI 54880

testimonials@amsoil.com



# **From the President**

We recently launched a new product I'm excited about, AMSOIL Upper Cylinder Lubricant. You'll find details about it on page 4 of this issue of *AMSOIL Magazine*. I'm excited about this product because it's so effective – especially compared to the competition. And we're coming out swinging with test data that shows just how ineffective their products are.

AMSOIL will never produce a product that underperforms. Our reputation for quality was built over decades of consistently delivering products that perform at the top of the industry. It's important that we continue producing top-quality products to retain our good reputation. It's especially important to me because my name is on the bottle. Everything about this company is a reflection of my image, and I like to do things right. I don't believe in cutting corners and I don't believe in settling for anything less than the best. We go the extra mile every way we can. Our facilities aren't just clean and orderly, we paint all the pumps the same color for no reason other than it looks better. Our Signature Series Synthetic Motor Oil doesn't just meet the industry standard, it delivers 75 percent more protection against horsepower loss and wear.1 We don't just ship your

orders in plain brown boxes, we deliver them in branded boxes and we usually do so within two days. You get the point. We don't do anything halfway and our actions back that up.

If you're looking for an opportunity to make money and you want to be part of a company like AMSOIL, you should consider becoming an independent Dealer. Registration fees are low, there are no inventory requirements or sales quotas and you maintain access to the full product line at the lowest prices. It is not a getrich-quick scheme and it is not like any other business opportunity. It is unique and it takes a lot of hard work. It can become whatever you want it to be; it all depends on what you put into it. Other opportunities are great for quick cash and next-day payouts, but they don't offer the long-term reward an AMSOIL Dealership provides. If you're seeking financial freedom and you're willing to put in the work, an AMSOIL Dealership is exactly what you've been looking for.

an Hanatigo

Alan Amatuzio President & CEO

## TABLE OF CONTENTS - PRODUCTS

Gasoline Motor Oil	14
European Motor Oil	18
Classic/Collector Car Motor Oil	19
Racing Oil	20
Diesel Oil	22
Transmission Fluid	24
Gear Lube	26
Fuel Additives	27
Filters	28
Grease	29
ATV/UTV Oil	30
Dirt Bike Oil	32
Motorcycle Oil	34
2-Stroke Oil	36
4-Stroke Oil	37
Marine Oil	38
Cleaners and Protectants	40
Miscellaneous	42

#### PREFERRED CUSTOMER EDITION

**WINTER** 2019

### FEATURES

- 4 AMSOIL Upper Cylinder Lubricant: Preserving Horsepower and Performance
- 5 New 5W-30 Viscosity Joins Synthetic Small-Engine Oil Family
- 8 New Technologies Prompt New Industry Standards
- 10 UTV Torture Test: See How AMSOIL Performs
- 12 Weaver Customs: Dedicated Builders

#### DEPARTMENTS

- 2 From the President
- 7 Tech Talk

## ADVERTISEMENTS

- 6 Cleaner. Faster. Easier.
- 9 10W-30/SAE 30 Synthetic Heavy Duty Diesel Oil Discontinued
- **44** Three Powerful Aerosols



## THE COVER

Nicknamed "Tomahauk" and featuring a LM75.3 engine and authentic World War II details, this custom 2010 Jeep\* Wrangler\* Unlimited is the creation of Hauk Designs founder and owner Kenny Hauk.

# **AMSOIL UPPER CYLINDER LUBRICANT:** PRESERVING HORSEPOWER AND PERFORMANCE

AMSOIL Upper Cylinder Lubricant (UCL) is the latest addition to the gasoline additive lineup. It delivers more lubricity than the competition and battles ethanol-related corrosion.

Upper cylinders are one of the toughest areas of an engine to lubricate due to the intense heat of combustion and the design of today's vehicles. New AMSOIL Upper Cylinder Lubricant delivers a much-needed layer of protection to this trouble area to help fight piston-ring and cylinder wear, maximizing engine compression and horsepower. Its lubricity improvers aid in protecting fuel injectors and other fuel-system components from wear, helping ensure excellent performance and long life.

Plus, it really works. AMSOIL Upper Cylinder Lubricant delivers **18 percent more lubricity than** Lucas\* and **20 percent more than Sea Foam\*** for better retention of horsepower and fuel economy.<sup>1</sup>

#### **Inhibits Corrosion**

Upper Cylinder Lubricant uses potent corrosion inhibitors to coat metal surfaces, block out moisture and stop deterioration before it starts. This is particularly important when using gasoline that contains ethanol due to its propensity to attract water and hasten corrosion. Inhibiting corrosion maximizes component life and reduces wear in the engine's top-end to guard against compression loss and maintain optimum power.

### Keeps Injectors Clean

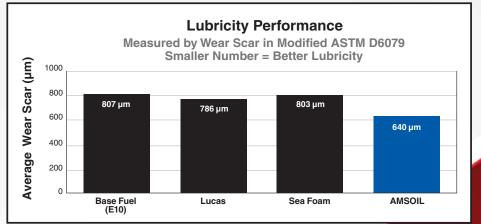
Upper Cylinder Lubricant contains detergent additives designed to maintain injector cleanliness. It's designed to work in concert with AMSOIL P.i. Performance Improver (API) to maintain injector and combustion-chamber cleanliness, retain fuel-economy and performance gains and maximize component life.

#### **Capless-Compatible Packaging**

The AMSOIL Upper Cylinder Lubricant bottle is fully compatible with capless fuel systems. Many new vehicles have replaced traditional fuel caps with capless systems. The threads on most bottles restrict them from opening the flap inside the fuel neck and also make removing the bottle difficult. Our packaging makes it easy to insert, pour and remove the bottle.

#### See p.27 for pricing information.

<sup>1</sup>Based on independent testing of AMSOIL Upper Cylinder Lubricant, Lucas Upper Cylinder Lubricant and Sea Foam Motor Treatment obtained on 02/13/2019 using the ASTM D6079 modified for use with gasoline.



Benefit	P.i. Performance Improver	Upper Cylinder Lubricant
Cleans Injectors	✓	<b>√</b>
Cleans Pistons	✓	
Cleans Combustion Chamber	~	
Cleans Valves	✓	
Fights Ethanol		<b>v</b>
Lubricates		<b>~</b>
Capless Compatible	✓	~
Treat Rate	30 gallons	25 gallons
Usage Interval	Every 4,000 miles	Every tank



4 | WINTER 2019



\*All trademarked names are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use.



# NEW 5W-30 VISCOSITY JOINS SYNTHETIC SMALL-ENGINE OIL FAMILY

New 5W-30 Synthetic Small-Engine Oil (AES) rounds out the synthetic smallengine oil family. It's recommended primarily for snowblowers and generators, bringing the excellent benefits of AMSOIL Synthetic Small-Engine Oil to applications that call for a 5W-30 viscosity oil.

#### **Outstanding cold-flow**

Cold ambient conditions and increased stress characterize snowblower operating conditions. Generators used on job sites can also run in cold weather. A 5W-30 motor oil provides improved cold-flow compared to 10W-XX motor oils. Its lower "W" viscosity means it flows more readily at startup for reliable wear protection. AMSOIL Synthetic Small-Engine Oil doesn't contain waxes inherent to conventional oils, so it doesn't thicken when the temperature drops, delivering superior protection and easier starts.

#### **Commercial-grade formulation**

Most small-engine oils we've tested are nothing more than re-labeled automotive oils, which are formulated with fuel economy in mind, not durability. That won't cut it. Compared to liquid-cooled automotive engines, small engines run hotter; operate under constant load; generate more oil-damaging contaminants; suffer from neglected maintenance; and are exposed to dirt, rain, snow and other extremes. Simply put, they're far tougher on oil that most people think. AMSOIL Synthetic Small Engine Oil isn't merely a re-badged automotive oil. Instead, we designed it from the ground up specifically for small-engine dependability. You can rest assured your engines are protected even during periods of extended use when there's no time for scheduled maintenance. It's built to solve the problems that plague small engines, including wear, power loss, oil consumption, stuck rings and valves and harmful carbon deposits. It helps landscapers, contractors and other professionals get more work done and save money.



The "W" in an oil's viscosity stands for "winter." The lower its "W" rating, the faster it flows and the better it protects during cold starts.

#### **Reserve protection**

AMSOIL Synthetic Small-Engine Oil is a long-life formulation that has repeatedly demonstrated its ability to safely exceed OEM drain intervals in the toughest conditions. Extensive severe-service testing proves its ability to provide service life of up to 200 hours/one year, whichever comes first. It provides an extra measure of protection when equipment goes longer between oil changes than is recommended by the OEM.

See p.37 for pricing information.



- Long service life
- Helps extend engine life
- Inhibits rust
- New 5W-30 primarily for snowblowers & generators











ZMS114 Winner of a SEMA Global Media Award & a Flexible Packaging Achievement Award

# **Cleaner, Faster, Easier,**

The new easy-pack helps you access tough-to-reach fill holes. The flexible packaging makes changing fluid cleaner and faster, and eliminates the need for a pump.

Stay ahead of the curve with this revolutionary solution to challenging installations.



# **Cold-weather hydraulic applications need synthetic oil.**

Viscosity grade is not the only indicator of performance.

#### Mike Caruso | TECHNICAL PRODUCT MANAGER, DRIVETRAIN

Most of us have seen the reality-TV shows involving fishing, mining, logging or trucking. Without fail, some dramatic mechanical failure always seems to keep us in suspense during the commercial break. Failures involving hydraulic systems often happen in cold temperatures. Many of us can sympathize with the guy on the show lying under the equipment with no gloves on his hands, snow falling and oil dripping on his jacket. The drama provides great entertainment, but also a great example of the significant time and money lost every year in hydraulic equipment operated in cold temperatures.

So, why do these guys always end up facing hydraulic equipment failures in the middle of the winter? Most often it is due to poor maintenance, poor startup procedures and continued use of a cheap hydraulic fluid that thickens in cold temperatures.

Completing scheduled hydraulicsystem maintenance throughout the year can significantly reduce coldtemperature downtime. Unfortunately, tight schedules, remote job sites and the need to keep equipment running at all costs can mean that badly worn hoses, leaky seals and other maintenance items go unresolved for extended periods. The colder the ambient temperature, the more likely catastrophic failure will occur, and poor-quality hydraulic oil may accelerate the failure.

Hydraulic oil must protect moving parts from excessive wear, keep the system clean and free from varnish and transmit energy to complete a number of different jobs such as moving mountains of dirt and cutting trees off at their bases. To do these jobs, it's critical that the hydraulic oil stay within range for thickness regardless of the outside temperature. This is especially important during cold-temperature starts, when damage and accelerated wear can occur quickly if the oil gets too thick.

Damage and wear can be caused by starving the inlet side of the hydraulic pump (pump cavitation). This can occur during cold weather when oil becomes so thick that the pump is unable to pull fluid from the reservoir fast enough for continuous lubrication supply. Instead, the pump pulls air, components become starved of lubricant and metal-to-metal contact occurs. Overly thick oil also contributes to pressure spikes that blow hoses, filters and other critical components. To help prevent this condition, most equipment manufacturers include hydraulic oil viscosity recommendations in their operator manuals and will often recommend thinner oil for cold ambient temperatures. This is one way to help solve the problem, but we all know that synthetic lubricants provide a solution through higher viscosity index. High-viscosity-index synthetic hydraulic fluids remain much more fluid in cold temperatures while maintaining a protective layer of fluid in high temperatures. The higher the VI, the less the fluid's viscosity will change due to temperature fluctuations.

The importance of this can be illustrated by comparing a cheap ISO 32 mineral oil with a high-VI ISO 32 synthetic hydraulic oil. Both oils have the same thickness of 32 cSt at 40°C (104°F). But, the synthetic hydraulic oil has a VI of 160 and the mineral-oil-based hydraulic fluid has a VI of 90. When both oils are cooled to 10°F (-12°C), the low-VI mineral oil thickens much more than the high-VI synthetic oil. Even though the oils are classified as having the same ISO viscosity, the high-VI synthetic oil will flow much better at 10°F (-12°C). This means better lubrication for the pump and less chance of a pressure spike, damaging cavitation or blowing neglected weak points in the system. Bottom line: Fluids with a higher viscosity index provide better protection in cold temperatures than fluids with a lower viscosity index.

On the other end of the spectrum, hydraulic oils need to fight varnish and sludge buildup most often associated with high-temperature, high-pressure industrial environments. Not all hydraulic oils are designed to provide effective resistance to varnish and sludge in these environments, and varnish and sludge are directly responsible for sticking valves and other operational issues. As temperatures increase, hydraulic oils become thinner. In excessive temperatures, some do not provide the required thickness to adequately protect against wear. Additionally, oils not formulated correctly for these extreme applications allow varnish to form after continual operation at high temperatures, and sensitive operationally controlled valves begin to malfunction.

Just like motor oils, not all hydraulic oils are created equal, and that is especially evident in cold-temperature applications. AMSOIL synthetic hydraulic oils can greatly reduce cold-weather problems. They also provide outstanding oxidation resistance for longer fluid life and significantly better resistance to harmful varnish that plagues many hydraulic systems operating in hot industrial environments. AMSOIL has the hydraulic products to keep your equipment running smoothly in both hot- and coldtemperature extremes.



# **NEW TECHNOLOGIES PROMPT NEW INDUSTRY STANDARDS**

ILSAC GF-6 and API SP specifications coming May 1. AMSOIL is already ahead of the game.

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

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

#### We Are Already There

Our claims about using advanced technology aren't just talk, and this specification update proves it. AMSOIL synthetic motor oils already meet or exceed the new industry standards and require no change in formulation. While the competition works on making major formulation adjustments, we just have to update our labels and you can be confident your vehicles are well-protected. The new specifications are not allowed to be displayed on labels until May 1, 2020. Expect to see updated AMSOIL labels then.

#### The Big Split



GF-6B - not backward compatible, for use in select new vehicles

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

To learn more, visit amsoil.com/lspi.





# 10W-30/SAE 30 SYNTHETIC HEAVY DUTY DIESEL OIL DISCONTINUED

Due to diminishing sales, 10W-30/SAE 30 Synthetic Heavy Duty Diesel Oil (ACD) is discontinued and available while supplies last. Customers using this product are encouraged to upgrade to either Signature Series Max-Duty 10W-30 Synthetic Diesel Oil (DTT) or Heavy-Duty 10W-30 Synthetic Diesel Oil (ADN).

Signature Series Max-Duty Synthetic Diesel Oil and Heavy-Duty Synthetic Diesel Oil exceed the latest API CK-4 specification and represent a serious upgrade in protection and performance compared to oils formulated for previous API diesel oil specifications, including API CJ-4 and CI-4+.

- **More** piston-scuffing protection for reduced wear
- **Better** thermal control to resist oil thickening, aid in cooling and reduce wear
- **Improved** shear stability for maximum resistance to oil consumption and wear
- Enhanced aeration control, promoting oil-pump efficiency, wear protection and heat resistance

may be registered

API CK-4 diesel oils are backward-compatible, meaning they are recommended in all applications specifying API CJ-4, CI-4+ (and prior) specifications.

\*Based on independent testing in the Detroit Diesel DD13 Scuffing Test for specification DFS 93K222 using 5W-30 as worst-case representation. \*\*Based on independent testing in the Detroit Diesel DD13 Scuffing Test for specification DFS 93K222 using 10W-30 as worst-case representation.

> ights are the property of their respective owners and may be registered filiation or endorsement claim, express or implied, is made by their use, ere are developed by AMSOIL for use in the applications shown.

# AMSOIL Signature Series Max-Duty Synthetic Diesel Oil

- 6X more engine protection\*
- Reduced oil consumption
- **Top-grade** protection for extended drain intervals

#### AMSOIL Heavy-Duty Synthetic Diesel Oil

- 4X more engine protection\*\*
- **Reduced** oil consumption
- **Outstanding** protection for OEMrecommended drain intervals



# **UTV Torture Test:** See How AMSOIL Performs

Whether at work or play, enthusiasts push their UTVs and ATVs to the ragged edge. They need lubricants that deliver excellent wear protection despite intense heat and stress. To test the performance of AMSOIL ATV/UTV Synthetic Motor Oil, we installed it in a 2018 Polaris\* Ranger\* and subjected it to an extreme test in our mechanical lab. As the results show, AMSOIL delivered exceptional protection.

#### Heat and stress destroy lesser oils

Extreme heat and stress are the biggest enemies to long ATV/UTV life. High-rpm, hot-running engines create extreme conditions that can quickly degrade inferior oils.

Churning engine parts combined with elevated heat create shearing forces that can tear apart, or shear, the molecular structure of the oil. Additionally, the intense pressure the oil undergoes as it's forced through tight clearances, such as the interfaces of the piston ring/cylinder wall and cam lobe/lifter, also causes viscosity loss due to shear. Oil that has sheared out of its intended viscosity range can fail to form a protective lubricating film on critical engine parts, leading to accelerated wear.

#### Heat-seeking torture test

We designed the UTV Torture Test to replicate real-world, high-stress conditions.

To achieve maximum power output, a computer-controlled actuator held speed at 45 mph (72 km/h). The tachometer exceeded 6,000 rpm, pushing the engine and transaxle to their limits. Transaxle temperatures exceeded 280°F (138°C), far beyond normal conditions. Engine oil temperature rose to 280°F (138°C) while the continuously variable transmission (CVT) belt hit 270°F (132°C). In these conditions, lubricants must withstand heat to protect precision parts.

After 100 hours and 4,000 miles (6,437 km) of torture, the engine and transaxle were torn down.

#### The results

AMSOIL Synthetic ATV/UTV Motor Oil maintained viscosity despite the heat and delivered flawless protection, keeping pistons, cylinders, cams and transaxle gears in excellent condition.

As the images show, the oil protected against piston scuffing despite the extreme conditions. The piston-skirt coating remained intact, while the piston crown and ring lands demonstrated no abnormal deposits or stress. The piston rings remained free and didn't stick for maximum engine compression and power.

The oil also delivered bulletproof transaxle protection. The transmission gears are clean, virtually free of wear and appear like-new despite the extreme heat and elevated rpm.



#### **UTV TORTURE TEST**

- 2018 Polaris Ranger UTV
- 45 mph (72 km/h)
- Wide-open throttle
- 6,000 rpm
- 100 hours (4,000 miles [6,437 km])
- Transaxle temp: 280°F (138°C)
- Engine oil temp: 280°F (138°C)
- <u>CVT b</u>elt temp: 270°F (132°C)

#### WATCH THE VIDEOS Visit youtube.com/amsoilinc to check out the UTV Torture Test and UTV CVT videos. Just type "UTV" in the page search (under "AMSOIL INC.").

10 | WINTER 2019



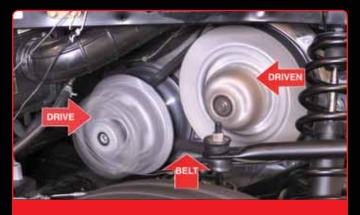
The piston skirt contained no scuffing and appears like-new, while the piston crown demonstrated no abnormal deposits following 100 severe-service hours.



The transmission gears are in excellent condition and appear like-new despite the extreme heat.



This thermal image shows the intense engine heat generated during the test.



#### INSIDE YOUR UTV'S CONTINUOUSLY VARIABLE TRANSMISSION (CVT)

Most UTVs have a CVT, or continuously variable transmission.

A CVT allows the engine to operate at optimum power and efficiency in varying conditions by changing the gear ratio based on speed, rpm and load.

The CVT has three basic components:

- Drive pulley connected to the engine
- Driven pulley connected to the transaxle
- CVT belt

Each pulley has weighted sheaths that move in and out due to centrifugal force. This changes the diameter of the pulley. The belt constantly moves back and forth to create the ideal gear ratio, much like a bicycle.

When you depress the throttle, the drive pulley narrows and the driven pulley widens, creating a higher gear ratio. When you let off the gas, the drive pulley widens and the driven pulley narrows, creating a lower gear ratio. When you're hard at work, the drive pulley senses the increased load and narrows, creating a lower gear ratio. This gives you the torque needed to get the job done.

Your UTV's CVT is sophisticated. And, while the CVT itself doesn't require lubrication, the transaxle does. With CVT replacement costs of \$2,500 or more, it pays to protect your UTV's transmission with AMSOIL synthetic lubricants.

\*All trademarked

r endorsem

s or implied

ers and may be their use. All p Z

ASTIC AND A

11

# WEAVER CUSTOMS: Dedicated Builders

Award-winning car builders Randy and Sydney Weaver put in the long hours required to take projects from ordinary to extraordinary. Their hard work has paid off.

Founders of Weaver Customs in West Jordan, Utah, Randy and Sydney Weaver are pushing the envelope of the custom industry and reaping the rewards. One recent build, a 1953 custom Bel-Air\* called "Vortex," has already earned six "Best of Show" awards. "It's won us a lot of money, and we had a lot of fun with it so far," said Sydney.

#### Horsepower

The couple expanded on their early endeavors and the shared interest that set them on a collision course. "I grew up originally on a farm or ranch, so I was basically a cowboy my whole life until I took up hot rodding," said Randy. "And I kind of mixed hot rodding with the horses and the cowboy life and all that as well."

"We actually met at a horse show," said Sydney. "I got pretty heavily in the horse industry and started showing horses as a kid, and I hauled coast to coast showing. The horse industry and the car industry are very parallel."

"Work ethic is the same," said Randy. "It is a spitting image to have that work ethic to make this car, to work on that ranch and take care of those animals and all the stuff that comes with it. So, yes; very, very similar."

#### **Commitment Comes Standard**

In the middle of a build, 18 to 20-hour days are common. "This isn't a hobby that you can pick up and put down," said Sydney. "We're here at 4 o'clock in the morning. We're here at 6 o'clock in the morning. We're here at any given time of the day, any day of the week that we're back in town not on the road with shows. It pretty much comes down to whenever we're done."



ducts advertised be

#### The Big Reveal

AMSOIL has been documenting the couple's latest build, set to be unveiled in our booth at the upcoming SEMA Show in Las Vegas. Join us as the show kicks off Nov. 5 and check out the final product. Follow the Weavers' progress anytime at amsoil.com/weaver.



ZMSUL

\*All trademarked names and images are the property of their respective countries. No affiliation or endorsement claim, express or implied, is made developed by AMSOIL for use in the app

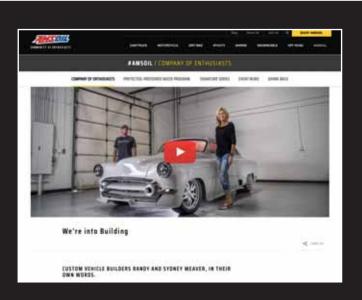
## This isn't a hobby that you can pick up and put down. You truly have to live the life.

- Sydney Weaver Weaver Customs

#### **Passion At Work**

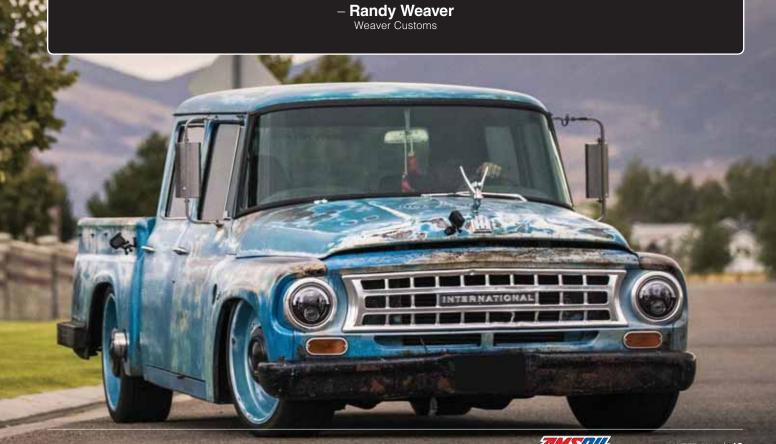
The accolades continue to roll in as the Weavers set their sights on the next project. "One of the things that sets Weaver Customs apart from the rest of the industry is the sheer passion that we have behind our builds," said Sydney. "Not only just the talent and the time, but the level of creative craftsmanship and dedication that we have behind each build really sets them apart."

"People say you'd better slow down," said Randy. "You're going to get burned out. And at 41 years old, I guess I'm still here and I'm not burned out. I still love my job."



Check out the Weavers' builds and see more of their story at community.amsoil.com.

"People say you'd better slow down. You're going to get burned out. And at 41 years old, I guess I'm still here and I'm not burned out. I still love my job."



# Synthetic Gasoline Motor Oil





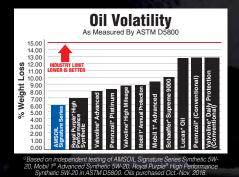
#### **Signature Series Fights Wear**

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.

#### Signature Series Helps Keep Valves Clean

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



#### 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 100,000mile (160,934-km) test<sup>e</sup>. AMSOIL provided far superior wear protection and kept bearings looking like new.



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



121 511114



14 | WINTER 2019



# 1. Smalin SIGNATURE SERIES

# ASM AI M 140 Std A70 ASI (711- R.

NOIL.

OIL

ATM

NO/L

50/16

546-3

明朝聞法

AZF





#### Signature Series Synthetic Motor Oil

Engineered for enthusiasts seeking maximum protection and performance. Precision-formulated with cuttingedge 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.

#### • OW-20<sup>24</sup>

Use in vehicles that require API SN PLUS (Resource Conserving), SM... • ILSAC 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<sup>24</sup>

Use in vehicles that require API SN PLUS (Resource Conserving), SM., • ILSAC 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

1 010 1100		oo meoooo n, moo me	0010 01		
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
ALMQT	EA	1 Quart	9.80	12.50	
ALMQT	CA	12 Quarts	112.00	142.40	
ALM1G	EA	1 Gallon	38.55	48.55	
ALM1G	CA	4 Gallons	146.80	184.80	

#### **OW-30**<sup>24</sup>

Use in vehicles that require API SN PLUS (Resource Conserving), SM... • ILSAC GF-5, 4... • GM dexos1 Gen 2\* (supersedes LL-A-025, 6094M, 4718M) • ACEA A5/B5, A1/B1 Chrvsler MS-6395

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
AZOQT	EA	1 Quart	10.00	12.70	
AZOQT	CA	12 Quarts	113.90	144.90	
AZ01G	EA	1 Gallon	39.25	49.35	
AZ01G	CA	4 Gallons	149.35	187.95	

#### **5W-30**<sup>24</sup>

Use in vehicles that require API SN PLUS (Resource Conserving), SM... + ILSAC GF-5, 4... • GM dexos1 Gen 2\* (supersedes LL-A-025, 6094M, 4718M) • ACEA A5/85, A1/B1 • Chrysler MS-6395 • Honda HTO-06 • Ford WSS-M2C946-A, WSS-M2C929-A, WSS-M2C946-B1

10120040 DT					
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
ASLQT	EA	1 Quart	9.80	12.50	
ASLQT	CA	12 Quarts	112.00	142.40	
ASL1G	EA	1 Gallon	38.55	48.55	
ASL1G	CA	4 Gallons	146.80	184.80	

\* Fortified with detergents that exceed the dexos1® Gen 2 sulfated ash specification.

#### 10W-3024

Use in vehicles that require API SN PLUS (Resource Conserving), SM... • ILSAC 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	9.80	12.50
ATMQT	CA	12 Quarts	112.00	142.40
ATM1G	EA	1 Gallon	38.55	48.55
ATM1G	CA	4 Gallons	146.80	184.80

#### **OW-40**<sup>24</sup>

Use in vehicles that require API SN PLUS, SM ... • Chrysler MS-12633, MS-10725, MS-10850; Nissan GT-R PKG./SIZE U.S. P.C. CAN. P.C. STOCK# UNITS

A	AZFQT	EA	1 Quart	10.00	12.70
A	AZFQT	CA	12 Quarts	113.90	144.90
0	5W-50 <sup>24</sup>				
L	Jse in vehicles	that require AF	PI SN PLUS, SM • Ford W	/SS-M2C931-C	(Mustang)
S	TOCK# U	NITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
A	AMRQT	EA	1 Quart	10.00	12.70
A	AMRQT	CA	12 Quarts	113.90	144.90

#### <sup>24</sup>See page 43 for Proposition 65 information for this product.

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 Orbahn Test 25%



uon, Mobil 1 Kurt Orbab

#### **Signature Series Guards Turbos**

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

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

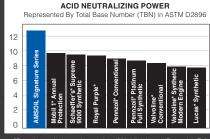
#### **Signature Series Cleans**

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

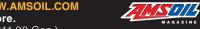
<sup>D</sup>vs. AMSOIL OE Motor Oil Based on independent testing of AMSOIL Signature Series 5W-30 in the ASTM D6593 engine test for oil screen plugging as required by the API SN PLUS specification.

#### **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.



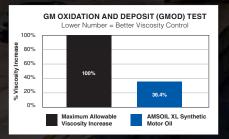
<sup>E</sup>Based upon independent testing of Mo Synthetic 5W-30, Royal Purple High Perfor <u>Signature Series</u> 5W-30 in ASTM D2896 bil T Annual Protection I rmance 5W-30 and AM . Oils purchased 05/<u>03</u>/





#### XL Resists Oil Breakdown

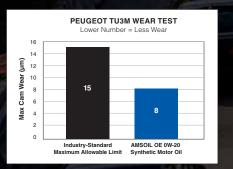
XL provides **64% more protection** against oil breakdown<sup>F</sup> than required by the GM dexos1<sup>®</sup> Gen 2 specification.



<sup>\*</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 TU3N Wear Test as required by the dexos1 Gen 2 specification. "Put this in my light duty, full size pickup. Noticeable difference right away. Engine quieter and clean."

> – **Jim P** Northern VA



\*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products advertised here are developed by AMSOIL for use in the applications shown.

PRES

END



#### **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 SN PLUS (Resource Conserving), SM... • ILSAC GF-5, 4... • GM dexos1 Gen 2\* (supersedes 6094M) • ACEA A1/B1 • Chrysler MS-6395 • Ford WSS-M2C947-A, WSS-M2C947-R1

1100 11200	47 01				
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 SN PLUS (Resource Conserving), SM... • ILSAC 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 SN PLUS (Resource Conserving), SM... + ILSAC GF-5, 4... • GM dexos1 Gen 2' (supersedes LLA-025, 6094M, 4718M) + ACEA A5/85, A1/81 + 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 SN PLUS (Resource Conserving), SM... • ILSAC 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	37.15
XLT1G	CA	4 Gallons	107.95	141.35

#### O XL 10W-40

Use in vehicl	les that require A	PI SN PLUS, SM • ACE	A 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
XL01G	EA	1 Gallon	28.35	37.15
XL01G	CA	4 Gallons	107.95	141.35

#### 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 SN PLUS (Resource Conserving), SM				
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 SN PLUS (Resource Conserving), SM... + ILSAC 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 SN PLUS (Resource Conserving), SM... • ILSAC GF-5, 4... GM dexos1 Gen 2 (supersedes 6094M) 
 ACEA A1/B1
 Chrysler MS-6395
 Ford WSS

M2C945-A, I	NSS-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 SN PLUS (Resource Conserving), SM... • ILSAC 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

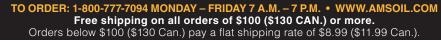
	Use in vehicles that require API SN PLUS (Resource Conserving), SM • ILSAC GF-5, 4 • ACEA A5/B5, A1/B1 • Chrysler MS-6395 • Ford WSS-M2C205-A • GM 6094M, 4718M				
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
OETQT	EA	1 Quart	5.45	7.20	
OETQT	CA	12 Quarts	62.25	81.90	

#### **Oil Analyzers**

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

STOCK#	PKG./SIZE	U.S. P.C.	CAN. P.C.
KIT01	1 sample kit (includes two-way postage) - U.S.	28.35	-
KIT02	1 sample kit (includes UPS shipping) - U.S.	28.35	_
KIT06	1 sample kit - U.S.	20.50	-
KIT14	1 value sample kit - U.S.	15.70	_
KIT401	1 sample kit (includes UPS shipping) - CAN.	5	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

\* Fortified with detergents that exceed the dexos1® Gen 2 sulfated ash specification.



# 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

LL0.07 Dim							
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	53.00			
AEL1G	CA	4 Gallons	159.00	201.85			

#### **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-052 cod LL P. 0551• B com/th DN2300/DN210 • JWM/w/ti 600 0055 cd

025 and LL-B-025) • Renault RN0/00/RN0/10 • 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

BRK

#### Performance on the Street, **Protection During** Storage

The lifters and cam lobes on flat-tappet camshafts common to classic and highperformance 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 longterm storage.





#### Z-ROD<sup>®</sup> Synthetic Motor Oil

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

#### • 10W-30

Use in vehic	Use in vehicles that require API SL, SJ						
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.			
ZRTQT	EA	1 Quart	9.00	11.50			
ZRTQT	CA	12 Quarts	102.55	131.05			
	• 20W-50 Use in vehicles that require API SL, SJ						
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.			
ZRFQT ZRFQT	EA CA	1 Quart 12 Quarts	9.35 106.65	11.95 136.10			

#### 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.



# Synthetic Racing Oil















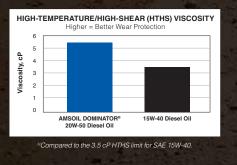


"AMSOIL products are the best on the market and definitely give us an added performance factor."

> - 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.





20 | WINTER 2019









#### DOMINATOR<sup>®</sup> Synthetic Racing Oil

Superior performance and maximum protection in highperformance and racing applications.

5W-20	17			
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-3	<b>O</b> <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-5	<b>O</b> <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	56.30
RD501G	CA	4 Gallons	169.90	214.45
SAE 6	<b>0</b> <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-5	0 Syn	thetic Compe	tition Die	esel Oil

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DCOQT	EA	1 Quart	9.25	12.10
DCOQT	CA	12 Quarts	105.25	138.00
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<sup>®</sup> Racing Air Filters

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

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

#### Ea<sup>®</sup> Pre-Filters

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

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

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



# 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>J</sup> and withstanding the extra demands you place on the turbo when pulling heavy loads or updating the tune for maximum horsepower.

<sup>J</sup>Based on specification standards of CAT C13 2nd Ring Top Land Carbon testing.

# Competing Brand

2:12/11/4

Severely Scuffed Liner

Non-Scuffed Liner

Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222

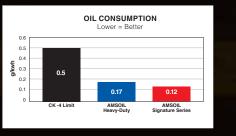
#### **Protects Against Rust**

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

\*Based on industry standard testing using the NMMA FC-W Rust Test.

#### **Reduces Oil Consumption**

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



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











#### Signature Series Max-Duty Synthetic Diesel Oil

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

#### 5W-30

Use in vehicles that require API CK-4/SN, SN+, CJ-4... · ACEA E9, E7, Ose in Venicles that require APT CK-4/5N, SN4, 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	117.75
DHDTP	CA	(2) 2.5 Gallons	171.45	224.20

#### 10W-30

Use in vehicles that require API CK-4/SN, CJ-4... · Volvo VDS4.5, VDS4, Use in Vehicles that require API CK-4/SN, CJ-4... Volvo UDS-3, VDS4, VDS3, Mack EOS-4.5, EO-O. Fenault 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

1100 11120				
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
DTT1G	EA	1 Gallon	34.00	44.45
DTT1G	CA	4 Gallons	129.40	169.30

#### **0W-40**

Use in vehicles that require API CK-4/SN, CJ-4... · ACEA E9, E7 · Mack EOS-4.5, EO-O · Detroit Diesel DDC 93K218, 93K215, 93K214 · Caterpil-lar 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

#### • 5W-40

Use in vehicles that require API CK-4/SN, CJ-4. · ACEA E9. E7 · Mack Use in venicles that require API CK-4/5/N, CJ-4... ACEA E9, E7 - Mack EOS-4.5, EO-O - Detroit Diesel DFS 93/K222, DDC 93/K218, 93/K215, 93/K214 - 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, 1, 1 - 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-M2C171-6 M2C171-F1

101201111	,			
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
DE01G	EA	1 Gallon	35.10	45.90
DE01G	CA	4 Gallons	133.60	174.75
DEOTP	EA	(1) 2.5 Gallon	86.55	113.20
DEOTP	CA	(2) 2.5 Gallons	164.85	215.60

#### • 15W-40

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

11201711	,				
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	

than required by the Detroit Diesel DD13 Scuffing Test for Specification DFS 93K222 using 5W-30

22 | WINTER 2019





#### 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	30.00	
ADN1G	CA	4 Gallons	86.95	114.25	
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	
ADOOT CA 12 Quarts 70 25 93 25	
AD01G EA 1 Gallon 24.15 31.80	
AD01G 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-0 · Detroit Diesel DFS 93K222, DDC 93K218, 93K215, 93K214 · Caterpillar ECF-3, ECF-2, ECF-1-a · Cummins CES20086, CES20081 · Volvo VDS-4.5, VDS-4, VDS-3 · MB 228.31 · MTU Type 2.1, II, I · MAN 3575 · JASO DH-2 · Renault RLD-4, RLD-3 · Deutz DQC III-10 LA · Allison TES-439 · Chrysler MS 10902 · Ford WSS-M2C171-F1

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

#### CI-4+ Synthetic Diesel Oils

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

#### Series 3000 5W-30 Synthetic Heavy Duty Diesel Oil Use in vehicles that require API CI-4+/SL... • Global DHD-1 • ACEA A3/B3, E2, E3, E5, E7 • JASO DH-1 • Mack EO-M, EO-N • DDC 93K214 • Caterpillar ECF-1-a, ECF-2 • Curmins 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	126.90	
HDDTP	CA	(2) 2.5 Gallons	184.80	241.65	



#### 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	
		· · /			

#### 10W-30/SAE 30 Synthetic Heavy Duty Diesel Oil

Available while supplies last. Try Signature Series Max-Duty 10W-30 (p.22) or Heavy-Duty 10W-30 (p.23) for a serious upgrade.

Use in vehicles that require API CI-4+/SL... • Global DHD-1 • ACEA A3/B3, E3, E5 • DDC 93/k214 • 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 • Ford WSS-M2C921-A • Mack EO-M, EO-N • JASO DH-1

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ACD1G	EA	1 Gallon	33.75	44.20
ACD1G	CA	4 Gallons	128.55	168.25

#### 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 2007/120072/20076/20077 • Volvo VDS-2, VDS • Mark FC-M4, • 4 CEA 43/82/54 / 58 MB 228 1 298 3 299 1 • Detain Fliesel 94/214

<ul> <li>Mack EO-M+          <ul> <li>ACEA A3/B3/E3/E5</li> <li>MB 228.1, 228.3, 229.1</li> <li>Detroit Diesel 93K214</li> </ul> </li> </ul>					
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	
AM01G	EA	1 Gallon	35.50	45.75	
AM01G	CA	4 Gallons	135.05	174.10	
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 • Curmins 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	
AR01G	EA	1 Gallon	35.90	46.30	
AR01G	CA	4 Gallons	136.75	176.20	

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, MER-CON V, ESP-M2C166-H, FNR5, M2C924-A, XL-12 · GM DEXRON III, DEXRON III, AutoTrak II · Honda/Acura ATF-21 · 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, 338F · Mazda ATF-M III, ATF-MV, F-1 · Mercedes Benz 236.1, 2362, 2363, 2265, 3, 2265 926.6, 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 · Sheil 3403, L4 2634 · Subaru ATF, ATF-HP · Suzuki 3314, 3317 · Texaco ETL-7045E, ETL-8072B, N402 · Toyota Type T, FII, FII, FIV · 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	18.70
ATFPK	CA	12 Quart Easy-Packs	148.15	213.60
ATF1G	EA	1 Gallon	45.00	56.60
ATF1G	CA	4 Gallons	171.40	215.50
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 Use in applications that require Alisin-Warner AW-1 - bitWV 83 22 0 142 516, 83 22 5 152 425 Chrysler Mopar 861579945, SP-IV, 68218925AB - DSII 69805 - FOT MERCON LV, SP-GM DEXRON HP, DEXRON VI - Honda/Acura DW-1, Type 3.0 - Hyundai/Kia SP-IV, SPH-IV, SP-IV-RP, 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	20.15
ALKPK	CA	12 Quart Easy-Packs	153.95	229.95
ATL1G	EA	1 Gallon	46.60	60.40
ATL1G	CA	4 Gallons	177.45	229.95
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>

 
 Wullt1-Yenicle''

 Use in applications that require Allison C-4, TES-389 - BMW 7045E, 8072B, LA 2634, LT

 T1141 - Chrysler ATE-44', Mopar ASRC, 68089195AA, 68049954AA - Ford MERCON, MER-CON V, ESP-M2C166-H, FNR5, M2C324-A, XL-12 - GM DEXRON II, DEXRON III, AutoTrak

 II - Honda/Accura ATE-21 - HyundaiXia SP-11, SP-III, Red-1 - IDEMITS' UX17 - 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-MII, ATF-MV, F-1 - Mercedes Benz 263, L. 2636, 2, 266, 2, 366, 2, 366, 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 - Suburu ATF, ATF-HP - Suzuki 3314, 3317 - Texace STL-7045E, ETL-8072B, N402 - Toyota Type T, TI, TI, TV- Vvith 5635, 55, 5338 - Volvo 97340, 97341 - WV/Audi G 052 182, G 052 930, G 055 025 - ZF TE-ML 03D, 040, 05L, 09, 11A, 11B, 14A, 14B, 16L, TC2, 20B, 211
 04D, 05L, 09, 11A, 11B, 14A, 14B, 16L, 17C, 20B, 21L

'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 warrant information, visit www.amsoil.com/warranty.aspx.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
OTFQT	EA	1 Quart	7.45	9.80	
OTFQT	CA	12 Quarts	85.05	111.55	
OTF1G	EA	1 Gallon	29.35	38.30	
OTF1G	CA	4 Gallons	111.75	145.75	
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 lowviscosity oil.

Use in applications that require Aisin-Warner AW-1 - BMW 83 22 0 142 516, 83 22 2 152 426 - Chrylser Mopar 68157995A, SP-IV, 68218925AB - DSIH 6p805 - Ford MERCON LV - GM DEXRON VI - Honda/Acura DW-1, Type 3.0 - Hyundai/Kia SP-IV, SPH-IV, SPH-IV, RN, NWS-938, SP4-M - JASO 1A-LV - JWS 3324 - Mercedes Berz 236 12, 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 1	62, G 060 162	2 · ZF 56/1 090 255			
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	37.50	
OTL1G	CA	4 Gallons	108.60	142.80	
OTLTP	EA	(1) 2.5 Gallon	70.20	92.20	
OTLTP	CA	(2) 2.5 Gallons	133.65	175.60	

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

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

> Upstate NY





#### $\odot$ Synthetic CVT Fluid

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

Use in bell- and chain-type CVTs that require BMW EZL 799A (8322 0 136 376 /8322 0 429 154) - Daihatsu Amix CVTF-DC, CVTF-DFE - FCA Mopar CVTF +4 (Mopar CVT -4) - Ford M2C928-A (CFT 23), WSS-M2C933-A (CFT 30, Motorcaft XT-7-OCFT), MERCON C -GM DEX-CVT, GM CVT (CVTF I-Green2) - Honda HMMF (08200-9006), HCF-2 - Hyundal/ Kia SP-CVT 1 - Mazda CVTF 3320 - Mercedes Benz 236.20 (001 989 46 03) - Mitsubishi CVTF-J1, CVTF-14 - Nissan NS-1, NS-2, NS-3 - Subaru e-CVT, I-CVT F, Lineartronic CV-30, Lineartronic CVTF/CVT1 (K0425V0710), High Torque CVTF - Suzuki CVT Filuid Green 1, CVT Fluid Green 2 (NS-2), CVTF 3320 (TC) - Toyota/Lexus TC, FE - VW/Audi TL 52180 (G 052 180), TL 55216 (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	55.80	
CVT1G	CA	4 Gallons	162.55	212.55	

#### 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 6804445 • Citroen/Peugeot 9734. S2 • Ferrari/Shell TF DCTF-3 • Fiat BOT 341 • Ford WSS-M2C-936-A • Mercedes Benz 236.21, 236.25 • Mitsubish Dia-Queen SSTF-4 • Nissan GT-R Transmission DI 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

#### $\odot$ 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 transakes that require 75W-85, 75W-90 or 80W-90 API GL-4 Gear Lube • NV 4500 Transmissions • 6M Part #12346190 • Chryster 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	18.65
MTGPK	CA	12 Quart Easy-Packs	182.05	212.95
MTG05	EA	(1) 5-gal. Pail	267.25	339.65

#### Synthetic Synchromesh Transmission Fluid

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

NV3550 & N Vehicles) & & #1052931	V5600 • Trem TR3450 • Hon • Chrysler Pai	quire New Venture NV T35 ec T4, T5, T18, T56, T176, da Genuine MTF • GM Pari t #4874464 & #4874465 • 0 s MS-9224 & MS-9417 • M	TK0500, TK0600, T t #12345349, #1234 GM Specs #998564	R3550 (GM 15577, #12377916 18, #9986105 &
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 highperformance, high-horsepower vehicles.

Use in trans	missions that r	equire 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; IMAN 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	147.05	
ATDTP	CA	(2) 2.5 Gallons	214.20	280.05	

Synthetic Tractor/Hydraulic Transmission Oil<sup>14</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 hydra	aulic 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

14,15,17 See page 43 for Proposition 65 information for this product



# Synthetic Gear Lube



#### SEVERE GEAR<sup>®</sup> 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 coldtemperature protection than required by ASTM D2983.

#### 75W-90

Delivers advanced protection against wear, even with up

to 15 percent water contamination.<sup>W</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.
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

#### **O 80W-90**

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

		/		
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AGLQT	EA	1 Quart	10.05	12.65
AGLQT	CA	12 Quarts	114.35	144.30
AGLPK	EA	1 Quart Easy-Pack	11.65	17.10
AGLPK	CA	12 Quart Easy-Packs	132.75	195.30
AGL05	EA	(1) 5-gal. Pail	176.15	230.35

#### 75W-110

ntials that require API GL-5/MT-1 • MIL-PRF-2105E • Mack GO-J • Dana Use in diff 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	22.85
SVTPK	CA	12 Quart Easy-Packs	183.30	260.85
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
SV005	EA	(1) 5-gal. Pail	281.70	368.25

G1230

- G1242

1.55



#### **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<sup>®</sup> Differential Additive

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 chat-ter 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<sup>®</sup> 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>

Use in differ	entials that re	quire API GL-5/MT-1			
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
SRNQT	EA	1 Quart	14.65	18.70	
SRNQT	CA	12 Quarts	167.15	213.60	
SRN05	EA	(1) 5-gal. Pail	273.30	348.20	

SAE 25017

-						
	Use in diffe	rentials that re				
	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>

Delivers advanced protection against wear, even with up to 15 percent water contamination.<sup>w</sup>

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

ShAE6 256 (Ealoh 1 6 166)					
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	57.80	
FGR1G	CA	4 Gallons	181.65	220.10	
FGR05	EA	(1) 5-gal. Pail	224.45	271.65	

#### 80W-14013

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

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

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

<sup>W</sup>Based upon AMSOIL testing of AMSOIL Synthetic SEVERE GEAR<sup>®</sup> 75W-90 and Long-Life 75W-90 Synthetic Gear Lube in ASTM 3233 and ASTM D892.





# **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 ethanolrelated corrosion. Helps keep injectors clean. Bottle compat-ible 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	131.05	171.40

13.17,19,21.25 See page 43 for Proposition 65 information for this product.



#### Diesel Cold Flow

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

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

#### **Diesel Cetane Boost**

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

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ACBCN	EA	(1) 16-oz. Bottle	7.25	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	- 200
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.	
3106K#	UNITS	PRG./SIZE	U.S. P.C.	GAN. P.C.	
ADFPCN	EA	(1) 8-oz. Bottle	3.75	- 10.20	
ADFPCN	CA	(6) 8-oz. Bottles	21.35		
ADFCN	EA	(1) 16-oz. Bottle	6.65	8.85	
ADFCN	CA	(12) 16-oz. Bottles	75.45	100.80	
ADFHG	EA	(1) 64-oz. Bottle	21.85	-	
ADFHG	CA	(6) 64-oz. Bottles	124.60		
ADF05	EA	(1) 5-gal. Pail	181.40	241.40	

#### Diesel Injector Clean + Cetane 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.

		1 0			
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
ADSPCN	EA	(1) 8-oz. Bottle	4.10		
ADSPCN	CA	(6) 8-oz. Bottles	23.20		
ADSCN	EA	(1) 16-oz. Bottle	10.45	13.85	
ADSCN	CA	(12) 16-oz. Bottles	119.40	158.15	
ADSHG	EA	(1) 64-oz. Bottle	34.30		
ADSHG	CA	(6) 64-oz. Bottles	195.85		
ADS05	EA	(1) 5-gal. Pail	298.50	395.55	

#### 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>y</sup>

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

'Based upon independent testing of AMSOIL All-In-One obtained Nov. 8, 2018 and Sea Foam Motor Treatment purchased on Oct. 25, 2018 in the ASTM D6079 test.



AMSOIL Diesel All-In-One provides as much as **32°F** better protection against coldtemperature gelling than Howes\* Lubricator Diesel Treat.<sup>M</sup> Plus raises cetane up to 4 points.

# Filters

#### 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.
- 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.
- When AMSOIL Oil Filters are used with a motor oil other than AMSOIL motor oil, the filter should be changed according to the vehicle manufacturer's recommendation.

#### **Oil Filters**

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



#### **Oil Filters**



#### Heavy-Duty Extended-Life Oil Filters

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

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

#### **Bypass Filters**

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

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

#### Ea® Universal Air Induction Filters

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

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

EAAU



28 | WINTER 2019



## Grease



#### DOMINATOR<sup>®</sup> 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 applica	tions 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

ose in applications that require NECHNO. 2, 576 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 applica	uons man	equire NLGI NO. 1		
	STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
	GPTR1CR	EA	(1) 14-oz. Cartridge	6.40	8.40
	GPTR1CR	CA	(10) 14-oz. Cartridges	63.10	82.95
1	Synthetic	Dolva	paric Truck Chassis	/Equipme	ant Gross

Use in applie	cations that re	equire NLGI No. 2		
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.

GPTR2CR	EA	(1) 14-oz. Cartridge	6.90	9.05
GPTR2CR	CA	(10) 14-oz. Cartridges	67.85	88.75

16,20,22 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	10.55	13.85
GECCR	CA	(10) 15-oz. Cartridges	102.45	134.40

#### Synthetic Multi-Purpose Grease

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

Use in applica					
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
GLCCR	EA	(1) 14-oz. Cartridge	6.70	8.80	
GLCCR	CA	(10) 14-oz. Cartridges	64.20	84.00	
GLC3P	EA	(3) 3-oz. Cartridges	8.40	11.05	
GLC3P	CA	(30) 3-oz. Cartridges	79.95	105.00	
GLCGN	EA	Grease Gun Kit	30.45	40.25	

#### Synthetic Water-Resistant Grease

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

Use in applic	ations that i	require NLGI No. 2 • GC/LB	B		
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
GWRCR	EA	(1) 14-oz. Cartridge	7.10	9.30	
GWRCR	CA	(10) 14-oz. Cartridges	68.15	89.25	
GWR3P	EA	(3) 3-oz. Cartridges	9.10	11.95	
GWR3P	CA	(30) 3-oz. Cartridges	86.65	113.95	

#### Synthetic Fifth-Wheel Grease

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

Use in applications that require NLGI No. 2					
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.	
FWGTB	EA	(1) 10-oz. Tube	7.60	10.05	
FWGTB	CA	(12) 10-oz. Tubes	86.10	115.30	

#### Spray Grease<sup>22</sup>

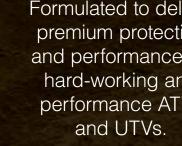
Applies quickly and evenly and is ideal for greasing hard-to-reach equipment, including hinges, springs, industrial chains, latches, slides, winches and other common applications.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
GSPSC	EA	(1) 10-oz. Spray Can	6.35
GSPSC	CA	(12) 10-oz. Spray Cans	72.45



# Synthetic ATV/UTV Oil





1 U.S. QUART - 946 mL

Protection for companying diversional formation Delivers confident cluster feel

OW MOTOR OIL

1.1.1.801114

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

20102





\*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products advertised here are developed by AMSOIL for use in the applications shown.

NA BROWEL

BFGood



AUV40	AUV50
AUDT	AUFD

**Dil Change Kit** 

#### Synthetic ATV/UTV Motor Oil

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

• 10W-4	0			
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
<mark>- 5W-50</mark>				
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AUV50QT AUV50QT	EA CA	1 Quart 12 Quarts	10.05 114.70	12.75 145.55

#### 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 Front Drive Fluid

Use in front differentials and hubs of Polaris equipment, including Ranger\*, RZR\*, ACE\*, General\*, Sportsman\*, Trail Boss\*, Trail Blazer\*, Explorer\* and Scrambler\*.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AUFDQT	EA	1 Quart	11.35	14.35
AUFDQT	CA	12 Quarts	129.15	163.80

#### ATV/UTV Oil Change Kits

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

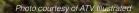
PK2: ATP\* 330, 500, Hawkeye\* 300, 400, Magnum\* 325, 330, 500, RANGER\* 400, Model years 2016 and previous - RANGER\* 500, Scrambler\* 500, 850, 1000, Sportsman\* 300, 400, 450, 500, 550, 570, 850, 1000, Trail Blazer\* 330, Trail Boss\* 325, 330, Xplorer\* 500

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

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

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

See p. 36 for Synthetic Chaincase & Gear Oil.





# Synthetic Dirt Bike Oil



121520114

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

> – **CAJO** Alpine, Utah





# DB40 DB50 DB60 DBTF

#### Synthetic Dirt Bike Oil

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

•	10W-4	0			
	Use in bikes i	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-5	0			
	Use in bikes i	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-6	0			
	Use in bikes i	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

O Synthetic Dirt Bike Transmission Fluid					
Use in two-si	troke dirt bike	e transmissions and the Ho	nda 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<sup>7</sup>. How good is it? In extreme simulated-start testing, AMSOIL provided superior wear protection and kept clutch plates looking new.





# Synthetic Motorcycle Oil











Anut



1215701113

"I've been using AMSOIL products in my motorcycles for the last 20 years and could not be happier when doing motor work and seeing how good the products work."

> - **Steve** Manning, SC

34 | WINTER 2019





#### 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.
MOBCI	N EA	(1) 4-oz. Bottle	4.25	5.60
MOBCI	V CA	(12) 4-oz. Bottles	48.25	63.65



#### V-Twin Oil Change Kit

Includes everything needed to perform an AMSOIL oil change on most 1999-2016 Harley-Davidson\* motorcycles, including (4) quarts (3.8 L) of 20W-50 Synthetic V-Twin Motorcycle Oil (MCV), (1) chrome Ea® Motorcycle Oil Filter (EaOM134C) and (1) O-ring.

STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
HDCK	EA	1 kit	55.80	73.70

#### 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

USE III DIKES	inal lequile A	I TOW - DAGO WANNAZ		
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). **Note:** "C" designates chrome.

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

STOCK#	UNITS	PKG/SIZE	U.S. P.C.	CAN. P.C.
EAOM103	EA	(1) Motorcycle Oil Filter	14.00	18.55
EAOM103C	EA	(1) Motorcycle Oil Filter	18.00	23.85
EAOM109	EA	(1) Motorcycle Oil Filter	14.30	19.00
EAOM122	EA	(1) Motorcycle Oil Filter	14.85	19.65
EAOM133C	EA	(1) Motorcycle Oil Filter	18.10	24.00
EAOM134	EA	(1) Motorcycle Oil Filter	12.55	16.70
EAOM134C	EA	(1) Motorcycle Oil Filter	15.35	20.40
EAOM135	EA	(1) Motorcycle Oil Filter	13.15	17.45
EAOM135C	EA	(1) Motorcycle Oil Filter	16.00	21.25
EAOM136C	EA	(1) Motorcycle Oil Filter	14.65	19.50
EAOM138	EA	(1) Motorcycle Oil Filter	15.25	20.30

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



# Synthetic 2-Stroke Oil



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



Leading OEM oil after 300 hours



AMSOIL SABER Professional after 300 hours

NBased on spark-arrestor testing.



ATP

TCC

#### 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 snov	se 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
AI01G	EA	1 Gallon	27.75	35.85
AI01G	CA	4 Gallons	105.65	136.50

#### INTERCEPTOR<sup>®</sup> 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 snow	mobiles that re	equire 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 pow	er equipm	ent that requires ISO-L-EGD • API TO	C • 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	-

#### $\odot$ 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	8.50	11.00
TCCCN	CA	(6) 16-oz. Bottles	48.40	62.70
TCC05	EA	(1) 5-gal. Pail	191.00	244.35

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





# Synthetic 4-Stroke Oil



ASE



#### Commercial-Grade Synthetic Oil for Small Engines

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

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



#### Formula 4-Stroke<sup>®</sup> Power Sports Synthetic Motor Oil

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

Use in ATVs L-EMA2	s and snowmob	iles that require API SG,	SJ, SL/CF • JASO N	1A/MA2 • ISO-
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
AFFQT	EA	1 Quart	10.35	13.55
AFFOT	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

O 5W-30	o Si				
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-3	80	100			
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	37.65	
ASE1G	CA	4 Gallons	109.45	143.25	
• 10W-4	0				
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	39.80	
ASF1G	CA	4 Gallons	111.55	151.45	

#### 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	49.90			
AHF1G	CA	4 Gallons	140.70	190.05			

#### • Formula 4-Stroke® Synthetic Scooter Oil

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

Use in scoo	ters that requir	e API SG, SL/CF • JASO	MA/MA2 • ISO-L-EN	IA2
STOCK#	UNITS	PKG./SIZE	U.S. P.C.	CAN. P.C.
ASOQT	EA	1 Quart	8.10	10.60
ASOQT	CA	12 Quarts	92.30	121.00

#### • 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	24.40	
ABC1G	CA	4 Gallons	71.00	92.85	
ABC05	EA	(1) 5-gal. Pail	86.10	112.60	

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

TO ORDER: 1-800-777-7094 MONDAY – FRIDAY 7 A.M. – 7 P.M. • WWW.AMSOIL.COM Free shipping on all orders of \$100 (\$130 CAN.) or more. Orders below \$100 (\$130 Can.) pay a flat shipping rate of \$8.99 (\$11.99 Can.).

ABC



# Synthetic Marine Oil







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

> - Runky Portsmouth, RI







#### Synthetic Marine Engine Oil

Formulated specifically for use in four-stroke gasolinefueled 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 WCTQT	EA CA	1 Quart 12 Quarts	8.80 100.05	11.50 131.05		

#### • 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<sup>™</sup> 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	roquiro	TC-W3
Use in Dual	11101013	unai	require	10-110

	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			
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>v</sup> Choose the easy-pack for fast, easy installation.

Use in applie	e 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	9.45	12.55	



# **Cleaners and Protectants**





#### **Chain Lube**

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

STOCK#	UNITS	PKG./SIZE	U.S. P.C.
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	7.95
APFSC	CA	(12) 18-oz. Spray Cans	90.75

#### **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	14.25
ADGSC	CA	(12) 15-oz. Spray Cans	162.55

#### 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>28</sup>See page 43 for Proposition 65 information for this product.

40 | WINTER 2019







#### 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	3.70
AGCSC	CA	(12) 19-oz. Spray Cans	42.25

#### 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	4.35	-	
AMP4SC	CA	(12) 4-oz. Spray Cans	49.35	10 <u>-</u> 10	
AMPSC	EA	(1) 8.75-oz. Spray Can	5.55	6.90	
AMPSC	CA	(12) 8.75-oz. Spray Cans	63.00	78.75	

#### **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	9.45
AMHSC	CA	(12) 15-oz. Spray Cans	107.75

#### 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.	CAN. P.C.
FCPCN	EA	(1) 8-oz. Bottle	8.85	11.70
FCPCN	CA	(12) 8-oz. Bottles	100.80	133.60
FCPSC	EA	(1) 5-oz. Spray Can	5.55	-
FCPSC	CA	(12) 5-oz. Spray Cans	63.00	-



## Miscellaneous



#### Heavy-Duty Antifreeze & Coolant<sup>12</sup>

Provides superior heat transfer and excellent protection against corrosion, cylinder-liner cavitation, freezing and boilover. Protection up to 600,000 miles (965,600 km), 12,000 hours or 6 years, whichever comes first.

Use in radiators that require ASTM D4985, D6210 • Case IH • Caterpillar EC-1 • Chrysler MS7170 • Curmmins CES14603 • Detroit Diesel 7SE298, 93K217 • Fiat Professional; Fiat Truck • Ford WSS-M97B51-A1 • Freightliner 48-22880 • John Deere 8650-5 • Mack Truck CNH • MTU MTL5048, 5049 • New Holland • PACCAR: Kenworth, Peterbilt • TMC of ATA RP329, 330, 338 • US Military CID A-A-52624A

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 600,000 miles (965,600 km), 12,000 hours or 6 years, whichever comes first, in heavy-duty applications.

Use in radiators that require ASTM D4985, D6210 • Case IH • Caterpillar EC-1 • Chrysler MS7170 • Cummins CES14603 • Detroit Diesel 7SE298, 93K217 • Fiat Professional; Fiat Truck • Ford WSS-M97851-A1 • Freightliner 48-22880 • John Deere 8650-5 • Mack Truck CNH • MTU MTL5048, 5049 • New Holland • PACCAR: Kenworth, Peterbilt • TMC of ATA RP329, 330, 338 • US Military CID A-A-52624A

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>12</sup>

Engineered to exceed original equipment manufacturer (OEM) requirements for up to 150,000 miles (241,400 km) or 5 years, whichever comes first, in passenger cars and light trucks.

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



12.13.17See page 43 for Proposition 65 information for this product.



Helps reduce engine temperatures, increase horsepower, promote faster engine warm-up times and reduce radiator and engine corrosion in racing and passenger vehicles. Warm up your car 54% faster. See the Coolant Boost product page at amsoil.com for details.

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

#### Shock Therapy® Suspension Fluid

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

#### Shock Therapy Suspension 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

#### $\odot$ 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.

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 multiuse 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<sup>®</sup> 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	4.40
BPCSC	CA	(12) 19-oz. Spray Cans	49.80

#### Synthetic Compressor Oil

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

Synthetic Compressor Oil							
	Use in comp						
	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		
	PC105	EA	(1) 5-gal. Pail	203.70	255.30		
			., .				

#### Synthetic Compressor Oil

Ose in compressors that require 130 100 • 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.
- \*\* WARNING: This product can expose you to 2-Methoxyethanol, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www. P65Warnings.ca.gov.
- <sup>12</sup> WARNING: This product can expose you to Acetaldehyde, 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.
- <sup>13</sup> 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.
- \*AWARNING: This product can expose you to Beta Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- <sup>15</sup> 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.
- <sup>16</sup> 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.
- \*\* 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.
- \*\*\* WARNING: This product can expose you to Naphthalene, which is known to the State of California to cause cancer, and Methanol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 20 WARNING: This product can expose you to Naphthalene, which is known to the State of California to cause cancer, and Dibutyl phthalate, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- <sup>21</sup> 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.
- 22 WARNING: This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
- 23 WARNING: This product can expose you to Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings. ca.gov.
- 24 WARNING: This product can expose you to Trace Metals, 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.
- 25 WARNING: This product can expose you to Ethylbenzene, which is known to the State of California to cause cancer, and Methanol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 26 WARNING: This product can expose you to n-Hexane, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www. P65Warnings.ca.gov.
- 27 WARNING: This product can expose you to Di(2-ethylhexyl) phthalate (DEHP), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.





ISO 9001/ISO 14001 REGISTERED

ALTRUM

Donaldson.







Minimum 10% Post-Consumer Fiber

AMSOIL INC., 925 Tower Ave., Superior, WI 54880 • 715-392-7101 • Printed in the USA © 2019, AMSOIL INC. All rights reserved. The AMSOIL logo is a registered trademark of AMSOIL INC.

www.amsoil.com Winter 2019

# **THREE POWERFUL AEROSOLS**

AMSOIL Mudslinger, Engine Degreaser and Glass Cleaner deliver performance you can see immediately.

grease, dirt and grime

Leaves no residue

Powerful stream

• Safe on all engine

components

• Easy to use

#### **MUDSLINGER (AMS)**

- Provides a protective layer of armor against mud, dirt and snow
- Eases clean-up after riding
- Restores, cleans and shines plastic, fiberglass and painted surfaces
- Provides a protective layer to counteract the damaging effects of UV rays
- · Pleasant cherry scent

•

Mudslinger, Engine Degreaser and Glass Cleaner are not available in Canada.

#### **BEFORE ENGINE DEGREASER**



#### ENGINE DEGREASER (AED) **GLASS CLEANER (AGC)** Removes the toughest

- Quickly cuts through grease and grime Does not drip or run;
- stays where you spray it
- Leaves no streaks or haze
- Ammonia-free and safe on all glass, including tinted windows
- Works great on countertops, glass, mirrors and appliances

AFTER ENGINE DEGREASER





\*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products advertised here are developed by AMSOIL for use in the applications shown.

#### **CHANGE SERVICE REQUESTED**

Published 4 times annually

PRSRT STD **US POSTAGE** PAID AMSOIL