



The First in Synthetics®

# PRODUCT CATALOG

The Leader in Automotive & Diesel Performance Products



Motor Oil



Diesel Oil



Motorcycle Oil



2-Cycle Oil



Four-Stroke Oil



Racing Oil



European Oil



Hydraulic Oil



Compressor Oil



Fuel Additives



Transmission Fluid



Gear Lube



Grease



Filtration

*Ac Performance*  
**SIGNATURE SERIES**



**AMSOIL Signature Series Synthetic Motor Oil represents the pinnacle of lubrication science. It is the result of nearly 40 years of synthetic lubricant engineering. Signature Series brings not only industry-leading performance, but top value as well; its extended-drain performance delivers guaranteed protection for up to 25,000 miles/one year. AMSOIL Signature Series Synthetic Motor Oil offers a rare combination of performance, value and environmental responsibility.**

Dramatically outperforms conventional petroleum oils. Reduces friction, heat and wear for maximum power, performance and fuel efficiency. Resists high-temperature burn-off, chemical breakdown and sludging – keeps engines cleaner. Outstanding low-temperature fluidity for fast, dependable winter starts and immediate startup protection. Exceeds the most demanding worldwide performance standards and meets warranty requirements for all domestic and imported passenger car engines, both turbocharged and non-turbocharged. Up to 25,000-mile or one-year drain intervals.



A standard 3,000-mile oil change gets you **coast to coast**.  
 The AMSOIL 25,000-mile oil change takes you **around the world**.

Signature Series 0W-20 Synthetic Motor Oil (ASM)

API Service SN (Resource Conserving), SM... • ILSAC GF-5, 4...

Signature Series 5W-20 Synthetic Motor Oil (ALM)

API Service SN (Resource Conserving), SM... • ILSAC GF-5, 4...

Signature Series 0W-30 Synthetic Motor Oil (AZO)

Recommended for applications requiring 0W-30, 5W-30 and 10W-30

API Service SN (Resource Conserving), SM... • ILSAC GF-5, 4...

Signature Series 5W-30 Synthetic Motor Oil (ASL)

API Service SN (Resource Conserving), SM... • ILSAC GF-5, 4..., GM dexos1™

Signature Series 10W-30 Synthetic Motor Oil (ATM)

API Service SN (Resource Conserving), SM... • ILSAC GF-5, 4...



## SYNTHETIC MOTOR OIL



Delivering extra engine protection and performance with the convenience of twice-per-year oil changes.



## XL Synthetic Motor Oil

Formulated to last longer in service than conventional motor oils. Extended-drain boost technology maintains maximum wear protection for up to 10,000-mile/six-month drain intervals, or longer when recommended in owners' manuals or indicated by oil life monitoring systems. Save time, money and effort.

- XL 0W-20 Synthetic Motor Oil (XLZ)  
*API Service SN, SM... • ILSAC GF-5, 4...*
- XL 5W-20 Synthetic Motor Oil (XLM)  
*API Service SN, SM... • ILSAC GF-5, 4...*
- XL 5W-30 Synthetic Motor Oil (XLF)  
*API Service SN, SM... • ILSAC GF-5, 4..., GM dexos1™*
- XL 10W-30 Synthetic Motor Oil (XLT)  
*API Service SN, SM... • ILSAC GF-5, 4...*
- XL 10W-40 Synthetic Motor Oil (XLO)  
*API Service SN, SM...*

## SYNTHETIC MOTOR OIL



Delivering excellent engine protection and performance for vehicle manufacturer-recommended oil change intervals.



## OE Synthetic Motor Oil

Specially formulated for the longer oil change intervals recommended by vehicle manufacturers today. Advanced synthetic technology resists chemical breakdown for maximum wear protection (and peace of mind) well beyond the traditional 3,000-mile oil change interval.

- OE 0W-20 Synthetic Motor Oil (OEZ)  
*API Service SN, SM... • ILSAC GF-5, 4...*
- OE 5W-20 Synthetic Motor Oil (OEM)  
*API Service SN, SM... • ILSAC GF-5, 4...*
- OE 5W-30 Synthetic Motor Oil (OEF)  
*API Service SN, SM... • ILSAC GF-5, 4..., GM dexos1™*
- OE 10W-30 Synthetic Motor Oil (OET)  
*API Service SN, SM... • ILSAC GF-5, 4...*

# BUILD IT.



## Assembly Lube (EAL)

Formulated to cling to engine parts and provide exceptional wear protection while inhibiting rust and corrosion in newly built or rebuilt four-stroke engines. Designed to dissolve in oil, helping eliminate oil port clogging and deposit formation.

## Break-In Oil (BRK)

SAE 30 viscosity-grade oil formulated without friction modifiers to allow for quick and efficient piston ring seating in new and rebuilt high-performance and racing engines. Contains anti-wear additives to protect cam lobes, lifters and rockers during the critical break-in period when wear rates are highest, while increased film strength protects rod and main bearings from damage.

# CRUISE IT.



## Z-ROD™ Synthetic Motor Oil

High-zinc, high-phosphorus formulation engineered specifically for classic cars and performance vehicles. Provides extra protection for flat-tappet cams, lifters, rockers and other areas susceptible to wear. Unique blend of rust and corrosion inhibitors ensure maximum protection during long-term storage.

Z-ROD 10W-30 Synthetic Motor Oil (ZRT)

API SL, SJ...

Z-ROD 20W-50 Synthetic Motor Oil (ZRF)

API SL, SJ...

# RACE IT.



## Dominator® Synthetic Racing Oil

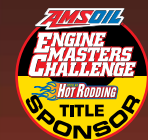
Provides superior protection and performance for high-RPM, high-temperature racing and high-performance applications. Shear-stable formulation ensures critical engine components are protected for the duration of the race. Effectively reduces friction for maximum power and cooler engine temperatures, resulting in improved lap times and longer-lasting equipment.

Dominator 5W-20 Synthetic Racing Oil (RD20)

Dominator 10W-30 Synthetic Racing Oil (RD30)

Dominator 15W-50 Synthetic Racing Oil (RD50)

OFFICIAL OIL



PRODUCTS THE PROS USE

*"It's not uncommon for us to see engine temps over 300°. There's no other oil I'd trust on race day."*

**Scott Douglas**  
11 World Championships



AHR



### SAE 60 Super Heavy Weight Synthetic Racing Oil (AHR)

High-viscosity oil designed for high-horsepower racing engines. Resists thinning effects of fuel dilution and provides exceptional wear protection, friction reduction and more power. Highly resistant to thermal degradation and oxidation.

API SL/CF, JASO MA • ISO-L-EMA

### Premium Protection Synthetic Motor Oil

Formulated for use in gasoline engines and on- and off-road diesel engines not equipped with diesel particulate filters (DPFs). Offers excellent wear protection. Ideal for applications where the extra protection of a high-zinc formula is desired, including classic cars and motor homes. Excellent for flat-tappet, high-performance, heavy-duty and high-mileage applications.

#### Premium Protection 10W-40 Synthetic Motor Oil (AMO)

API Service SL/CF, SJ, SH . . . , CI-4+ • JASO MA (motorcycle wet clutch) • ISO-L-EMA

#### Premium Protection 20W-50 Synthetic Motor Oil (ARO)

API Service SL/CF, SJ, SH . . . , CI-4+ • JASO MA (motorcycle wet clutch) • ISO-L-EMA

AMO

ARO



## PREMIUM PROTECTION FOR EUROPEAN VEHICLES

AFL

AEL

### European Car Formula Synthetic Motor Oil

Specially formulated for the lubrication needs of European gasoline and diesel cars and light trucks. Blended with advanced AMSOIL synthetic base stocks, premium additives and broad viscosity ratings, allowing motorists to take advantage of the maximum extended drain intervals recommended by European automakers while providing second-to-none protection and performance.

#### European Car Formula 5W-40

#### Synthetic Motor Oil (AFL)

API SM/CF • ACEA C3 • ACEA A3/B3 • ACEA A3/B4 • MB 229.31, 229.51 • BMW LL-04 • Chrysler MS-10725 • Porsche A40 • Saab • Volvo • VW 502.00, 505.00, 505.01

#### European Car Formula 5W-30

#### Synthetic Motor Oil (AEL)

VW 504.00/507.00 • ACEA A3/B3 • ACEA A3/B4 • MB 229.51 • BMW LL-04 • Porsche C30





## Advanced Synthetic Motorcycle Oil

### 20W-50 Synthetic Motorcycle Oil (MCV)

API Service SG, SL/CF, CG-4 • JASO MA/MA2 (motorcycle wet clutch) • ISO-L-EMA2

Recommended for Harley-Davidson, Buell, KTM, Ducati, Aprilia, BMW, Triumph and other motorcycle engines. Superior synthetic formulation provides long service life and maximum protection against engine wear. Superior shear stability provides unsurpassed protection for high-performance engines, transmissions and primary chaincases. No friction modifiers. Wet-clutch compatible.

### 10W-40 Synthetic Motorcycle Oil (MCF)

API Service SG, SL/CF • JASO MA/MA2 (motorcycle wet clutch) • ISO-L-EMA2

Recommended for Honda, Yamaha, Kawasaki, Victory, BMW and other motorcycle engines. Superior synthetic formulation provides long service life and maximum protection against engine wear. Superior shear stability provides unsurpassed protection for high-performance engines and transmissions. No friction modifiers. Wet-clutch compatible.

### 10W-30 Synthetic Motorcycle Oil (MCT)

API Service SG, SL/CF, CG-4 • JASO MA/MA2 (motorcycle wet clutch) • ISO-L-EMA2

Recommended for Honda, Yamaha, Suzuki and Kawasaki motorcycles and scooters, as well as Arctic Cat, Can-Am, Honda, Kawasaki and Suzuki ATVs and UTVs. Superior synthetic formulation provides long service life and maximum protection against engine wear. Superior shear stability delivers unsurpassed protection for high-performance engines and transmissions. No friction modifiers. Wet-clutch compatible.

### SAE 60 Synthetic Motorcycle Oil (MCS)

API Service SG, SL/CF, GL-1 • JASO MA/MA2 (motorcycle wet clutch) • ISO-L-EMA2

Recommended for Harley-Davidson and big-bore motorcycles that require a 60-weight oil. Superior synthetic formulation provides long service life and maximum protection against engine wear. Superior shear stability provides unsurpassed protection for high-performance engines and transmissions. No friction modifiers. Wet-clutch compatible.

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

Specially formulated to provide serious protection and performance in recreational four-stroke motors, including ATVs and snowmobiles. Broad 0W-40 viscosity rating provides superior protection in both hot and cold temperature extremes.

SAE 0W-40 • API Service SG, SJ, SL/CF • JASO MA/MA2 • ISO-L-EMA2

## Formula 4-Stroke® Marine Synthetic Motor Oil

Formulated specifically for use in four-stroke gasoline-fueled engines used in marine applications. Offers outstanding wear protection and viscosity stability, low volatility and excellent low-temperature fluidity. Certified to meet NMMA FC-W performance specifications. Meets "Warranty Certified" status of engine manufacturers. Recommended for use in four-stroke outboard motors including Honda, Yamaha, Mercury, Suzuki, Johnson-Evinrude (BRP), Nissan and Tohatsu. Excellent for use in marine inboard/outboard (I/O) engines including Mercury (MerCruiser), OMC and Volvo-Penta. Also for use with marine inboard power plants including Crusader, Marine Power, GM, Ford and Chrysler. Recommended for use with personal water craft (PWC) including Sea Doo (BRP), Honda, Yamaha and Kawasaki.

### 10W-30 Formula 4-Stroke Marine Synthetic Motor Oil (WCT)

API SL • NMMA FC-W (Registration #FB-30011B)

### 10W-40 Formula 4-Stroke Marine Synthetic Motor Oil (WCF)

API SL • NMMA FC-W (Registration #FB-30010B)



## Formula 4-Stroke® Synthetic Small Engine Oil (ASE)

Provides superior protection in the hot-temperature, severe-service operating conditions of both gasoline- and diesel-fueled small engines. Formulated with a high viscosity index and premium synthetic base oils that exceed both 10W-30 multi-grade and SAE 30 straight-grade viscosity requirements. Provides excellent all-season protection and performance. As a commercial-grade lubricant, it meets the demands of homeowner, commercial and industrial applications, improving productivity and reducing maintenance costs through superior engine protection.

**Riding and Push Lawnmowers • Snowblowers • Generators • Pumps • Welders • Skid-Steers • Compressors • and more**

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

## Formula 4-Stroke® Synthetic Scooter Oil (ASO)

Formulated specifically to meet the special needs of today's high-tech air- and water-cooled four-stroke motorized scooters, offering advanced wear protection and friction reduction for longer equipment life and cooler operating temperatures. Its 10W-40 viscosity ensures consistent viscosity protection and provides additional protection for transmissions and gear boxes, while its friction modifier-free formulation ensures wet-clutch compatibility and smooth clutch operation. A special anti-corrosion additive package provides long-term protection during periods of inactivity and storage.

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





## hp Injector® Synthetic 2-Cycle Oil (HPI)

Precise synthetic formulation exceeds the lubrication demands of modern two-cycle engines. Premium synthetic base oils and MAX-DOSE™ additive system provide superior performance in direct fuel injected (DFI), electronic fuel injected (EFI) and carbureted outboard motors, as well as other recreational two-cycle equipment.

TC-W3 / API TC

## DOMINATOR® Synthetic 2-Cycle Racing Oil (TDR)

Robust formulation specially engineered for maximum protection in high-performance two-cycle motors, both on and off the track. Heavier synthetic base oils provide more lubricity for "on the edge" operation. Reduces friction and protects pistons and bearings subjected to the rigors of racing.

API TC / JASO FC

## INTERCEPTOR® Synthetic 2-Cycle Oil (AIT)

Engineered specially for powersports applications and those engines equipped with exhaust power valves. Contains the finest synthetic base oils and additives available for exceptional cleanliness properties. Controls exhaust valve sticking and provides outstanding overall lubrication properties. Ideal for snowmobiles and personal watercraft.

API TC / JASO FC

## Saber® 100:1 Pre-Mix Synthetic 2-Cycle Oil

Specifically designed for lean mix ratios in pre-mix applications. Saber Professional contains high-temperature detergents for small power equipment. Saber Outboard contains lower-temperature dispersants for water-cooled outboard motors. Recommended for 100:1 mix ratios in normal service (1.3 oz. per gallon).

Saber Professional 100:1 Pre-Mix Synthetic 2-Cycle Oil (ATP)

ISO-L-EGD / API TC / JASO FD

Saber Outboard 100:1 Pre-Mix Synthetic 2-Cycle Oil (ATO)

TC-W3 / API TC



MAXIMUM PERFORMANCE



MAXIMUM RELIABILITY

Exceeds the performance requirements of Polaris®, Arctic Cat® and Ski-Doo® two-cycle snowmobiles.



ATP



ATO

## 2-Cycle Oil Recommendations

AMSOIL 2-Cycle Oil	Outboard	Snowmobile, Motorcycle & ATV	Personal Watercraft & Jet Boat	Chainsaw, Chop Saw & Pump	Weed Eater, Blower & Lawn Mower	Moped, Scooter & Go-Cart
<b>hp Injector (HPI)</b> TC-W3, API TC (Injection or 50:1 Pre-Mix)	Excellent (4) (5)	Very Good	Very Good	Not Recommended	Not Recommended	Not Recommended
<b>INTERCEPTOR (AIT)</b> API TC, JASO FC (Injection or 50:1 Pre-Mix)	Not Recommended	Excellent (4)	Excellent (3) (4)	Good	Good	Good
<b>DOMINATOR (TDR)</b> API TC, JASO FC (Injection or 50:1 Pre-Mix)	Racing (1)	Racing (2)	Racing (2) (3)	Very Good	Very Good	Very Good
<b>Saber Professional 100:1 Pre-Mix (ATP)</b> ISO-L-EGD, JASO FD, API TC	Not Recommended	Very Good Pre-Mix Only	Very Good Pre-Mix Only (3)	Excellent	Excellent	Excellent
<b>Saber Outboard 100:1 Pre-Mix (ATO)</b> TC-W3, API TC	Excellent Pre-Mix Only	Very Good Pre-Mix Only	Very Good Pre-Mix Only	Not Recommended	Not Recommended	Not Recommended

Equipment manufacturers and motor builders have redesigned two-cycle motors to reduce emissions and increase fuel economy. These changes have increased operating temperatures, reduced oil consumption and incorporated direct fuel injection and exhaust power valves. AMSOIL 2-Cycle Oils are designed to maximize performance in all types of engine designs and are optimized for select applications.

Even though AMSOIL 2-Cycle Oils have been optimized for specific applications, they are multi-functional and recommended for use in many areas. The chart rates each oil's performance abilities per application as follows:

**Excellent:** The primary recommendation for the oil. The oil is specifically designed for the operating conditions of the motors in these markets. There is only one "Excellent" recommendation per category.

**Very Good:** A main recommendation for the oil. Identifies an oil that is very good for the operating conditions of these motors.

**Good:** A secondary recommendation for an oil. The oil was not specifically designed for these applications. However, the chemistry in the oil is suited to the operating conditions of these motors.

**Not Recommended:** Identifies applications where the product was not intended for use.

### NOTES:

- (1) Not recommended for long-term use in outboard motors as a TC-W3 type oil, although excellent as a racing oil for short term use where motors are periodically inspected.
- (2) Excellent for racing or modified motors. Very good for recreational use.
- (3) For applications calling for a TC-W3 product, use the recommendations listed under "Outboards."
- (4) Recommended for all direct fuel injected (DFI), electronic fuel injected (EFI) and carbureted motors.
- (5) Includes Mercury® Optimax®, Johnson® & Evinrude® FICHT®, Yamaha® HPDI, Nissan® & Tohatsu® TLDI®.

PRODUCTS THE PROS USE  
"Ice oval racing is the most extreme test for a snowmobile engine, and DOMINATOR meets the challenge every time".

P.J. Wanderscheid  
4X AMSOIL Eagle River  
World Champion

OFFICIAL OIL



CSRA



TCC



### Synthetic Chaincase & Gear Oil (TCC)

Provides superior protection and performance for enclosed chains. Ideal for snowmobiles, ATVs and general equipment. Extreme-pressure additives provide extra wear protection. Extends chain life, repels water and inhibits rust, oxidation and foam. Superior low-temperature starting, performance and protection. Includes convenient pour spout.

STL

STM



### Shock Therapy® Suspension Fluid

Formulated for maximum stability and performance in high-performance fork and shock applications. Effectively controls friction and heat and significantly reduces wear and scuffing. Viscosity remains constant and foam and aeration are kept to a minimum, limiting shock fade and inconsistent dampening. Offers superior performance in temperature extremes.

#### Shock Therapy Suspension Fluid (STL)

Lightweight #5

AMSOIL STL #5 is recommended for applications that demand quick rebounds under extreme temperatures.

#### Shock Therapy Suspension Fluid (STM)

Medium #10

AMSOIL STM #10 is recommended for applications that require more dampening and slower rebounds.

OFFICIAL OIL



DEO

DME



## DELIVERING THE POWER OF SYNTHETICS

### Premium API CJ-4 Synthetic Diesel Oil

The premium choice diesel oil for model-year 2007 and newer diesel engines requiring API CJ-4 emission quality oil standards. Also recommended for pre-2007 diesel engines. Incredibly shear-stable to withstand the stress of heat, soot and acids and help prevent deposits, corrosion and wear. Broad viscosity range offers superior protection over a wide temperature range. Effectively resist oil consumption and emissions, while improving fuel efficiency. Recommended for three times the original equipment manufacturer's drain interval recommendation in diesel applications, not to exceed 50,000 miles/600 hours or one year, whichever comes first.\* Recommended for two times the original equipment manufacturer's drain interval recommendation in gasoline applications, not to exceed 15,000 miles or one year, whichever comes first. Compatible with all exhaust treatment devices and designed to extend the service life of particulate filters.

\* Due to fuel dilution issues, extended drain intervals are not recommended for 2007-2009 Caterpillar C13 and C15 on-highway engines or 2007-present Dodge, Ford and GM light-duty diesel pickups.

#### Premium API CJ-4 5W-40 Synthetic Diesel Oil (DEO)

API CJ-4, CI-4+, CF, SM • ACEA E7, E9 • Mack EO-O Premium Plus • DDC Power Guard 93K218 • Caterpillar ECF-3, ECF-2 • Cummins 20081 • Volvo VDS-4 • MB 228.31 • MTU Type I & II • MAN 3275 • JASO DH-2 • Global DHD-1 • Renault RLD-3

#### Premium API CJ-4 15W-40 Synthetic Diesel Oil (DME)

API CJ-4, CI-4+, CF, SM • ACEA E7, E9 • Mack EO-O Premium Plus • DDC Power Guard 93K218 • Caterpillar ECF-3, ECF-2 • Cummins 20081 • Volvo VDS-4 • MB 228.31 • MTU Type I & II • MAN 3275 • JASO DH-2 • Global DHD-1 • Renault RLD-3

OED



### OE 15W-40 Synthetic Diesel Oil (OED)

Provides excellent protection and performance in both on- and off-road diesel engines for the original equipment manufacturer's recommended drain interval. Suitable for both modern and older diesel applications requiring API CJ-4 specifications. Exceeds the higher performance demands of modern engines and withstands the stress of heat, soot and acids to help prevent deposits, wear and corrosion.

API CJ-4, CI-4+, SM... • ACEA E9 • DDC 93K218 • Cummins CES 20081 • MB 228.31 • CAT ECF-3, ECF-2, ECF-1-a • Mack EO-O Plus • Volvo VDS-4 • MAN 3575 • Renault RLD-3 • MTU Type 2.1

### Series 3000 5W-30 Synthetic Heavy Duty Diesel Oil (HDD)

Engineered for on- and off-road diesel engines not equipped with diesel particulate filters (DPFs). Also for all gasoline engines recommending API SL specifications including turbo-charged vehicles. Delivers better wear protection than other popular diesel oils and effectively reduces fuel consumption. Ideal for EGR engines. **Note:** For 2007 and newer on-road diesel vehicles, see Premium Synthetic Diesel Oil on pg. 9 and OE Synthetic Diesel Oil on pg. 10.

API CI-4+/CF/CF-2/SL • Global DHD-1 • ACEA A3/B3, E2, E3, E5, E7 • JASO DH-1 • Mack • Detroit Diesel • Caterpillar • Cummins • Volvo • Daimler-Benz

ADVANCED  
FUEL EFFICIENT FORMULA



AME



### 15W-40 Synthetic Heavy Duty Diesel Oils

Engineered for on- and off-road diesel engines not equipped with diesel particulate filters (DPFs). High 12 TBN controls acids from combustion blow-by and EGR. High levels of detergency and dispersancy additives control soot thickening, oxidation and wear. Heavy Duty Diesel and Marine Motor Oil provides up to three times the original equipment manufacturer's drain interval recommendation in diesel applications, not to exceed 50,000 miles/600 hours or one year, whichever comes first. **Note:** For 2007 and newer on-road diesel vehicles, see Premium Synthetic Diesel Oil on pg. 9 and OE Synthetic Diesel Oil on pg. 10.

15W-40 Synthetic Heavy Duty Diesel and Marine Motor Oil (AME)

API CI-4+/CF/CF-2/SL/SJ • Global DHD-1 • ACEA A3/B3, E2, E3, E5, E7 • JASO DH-1 • Mack • Detroit Diesel • Caterpillar • Cummins • Volvo • Daimler-Benz • MAN • MTV • Allison

15W-40 Synthetic Blend Gasoline & Diesel Oil (PCO)

API CI-4+/CF/CF-2/SL • Global DHD-1 • ACEA A3/B3, E3, E5 • JASO DH-1 • Mack • Detroit Diesel • Caterpillar • Cummins • Volvo • Daimler-Benz

PCO



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

Exceeds both 10W-30 multi-grade and SAE 30 straight-grade viscosity requirements. Engineered for on- and off-road diesel engines not equipped with diesel particulate filters (DPFs). Also recommended for gasoline engines requiring API SL or previous specifications. Excellent for heavy equipment and personal vehicles. Extends drain intervals. See the AMSOIL Product Information and Drain Interval Chart (G2281, \$0.35) for more information. **Note:** For 2007 and newer on-road diesel vehicles, see Premium Synthetic Diesels Oil on pg. 9 and OE Synthetic Diesel Oil on pg. 10.

API CI-4+/CH-4/CF/CF-2/SL • Global DHD-1 • ACEA A3/B3, E3, E5 • JASO DH-1 • Mack • Detroit Diesel • Caterpillar • Cummins • Volvo • Daimler-Benz • MAN • MTV

ACD



## Oil Analysis

AMSOIL and its subsidiary OIL ANALYZERS INC.® provide state-of-the-art oil analysis service to its customers, allowing them to monitor engine condition and maximize oil drain intervals. Customers receive detailed analysis reports via fax, e-mail and online reporting. Expert consultation of oil condition is easily accessible by phone (877-458-3315) or e-mail (info@oaitesting.com). Coolant and diesel fuel analysis is also available. For more information, see [www.oaitesting.com](http://www.oaitesting.com).

Oil Suction  
Pump  
(G1206)



# Oil Analyzers INC.



ATF

Use in Ford, Chrysler and GM Transmissions

### Multi-Vehicle Synthetic Automatic Transmission Fluid (ATF)

Exceeds the performance requirements for domestic and foreign automatic transmission fluids. Offers smooth shifting and long transmission life. Provides automatic transmissions, power steering units and hydraulic equipment with excellent lubricating protection and better performance over a wider temperature range. Resists oxidation and thermal breakdown. Provides exceptional low-temperature protection. Formulated for excellent wear protection to last for extended drain intervals.

*AMSOIL Multi-Vehicle ATF is recommended for applications requiring the following performance specifications: GM DEXRON® III-H • Ford MERCON® & MERCON® V • Chrysler ATF-4® • Toyota Type T-III and T-IV • Honda Z-1 (Not CVT) • Diamond SP II & III (Mitsubishi/Hyundai/Kia) • Mazda ATF-III, ATF-MV • Subaru ATF, ATF-HP • Nissan Matic D, J & K • Idemitsu K-17 • BMW LA2634 • LT 71141 • Audi G-052-025-A2 & G-052-162-A1 • Volvo 97340 • MB 236.1, 236.2, 236.5, 236.6, 236.7, 236.9 & 236.10 • JWS 3309 • NAG 1 • ETL-7045E, ETL-8072B & N402 • Voith 55.6335.XX (G607, G1363) • ZF TE-ML 03D, 04D, 09, 14A, 14B, 14C, 16L, 17C • Allison C-4, TES 389 • Mopar AS68RC*  
*Use in power steering units or hydraulics where ATF is specified. Not for use in CVT transmissions or Ford Type F applications.*



MTG

### Fuel Efficient Synthetic Automatic Transmission Fluid (ATL)

Engineered to exceed the requirements of GM, Ford and Toyota where low-viscosity oil is required, providing outstanding performance without compromising protection, even in severe operating conditions. Delivers outstanding protection against sludge and varnish deposits that clog narrow oil passages and contribute to clutch glazing. Offers extraordinary cold-flow performance, improving shifting response and energy efficiency while reducing warm-up times. Provides an extra margin of protection over extended drain intervals.

*GM DEXRON VI • Ford MERCON LV & SP • Toyota WS*



ATL

### Synthetic Manual Transmission and Transaxle Gear Lube (MTG)

Designed to meet the special requirements of certain manual transmissions and transaxles. Provides improved internal component protection. Formulated with extreme-pressure additives and advanced synchronesh qualities that provide smooth shifts while protecting gears, bearings and seals. Non-corrosive to yellow metals. Recommended for manual transmissions and transaxles that require 75W-85, 75W-90 or 80W-90 viscosities.

*75W-90 • API GL-4*



ART

### Synthetic Synchronesh Transmission Fluid (MTF)

Specifically designed for manual transmissions and transaxles with synchronesh systems that require light viscosity, non-extreme-pressure fortified oil. Formulated with advanced additive technology to provide proper friction characteristics for smooth shifting without grinding or bump shifting while providing the ultimate in gear and bearing protection. Outperforms motor oils in manual transmissions and provides excellent performance in extreme temperatures from -40° F to 300° F. Possesses outstanding anti-wear and anti-foam properties and is non-corrosive to yellow metals. Recommended for use in manual transmissions and transaxles. Not for use in engines or wet clutches.

### Super Shift® Racing Transmission Fluid (ART)

Specially formulated for high-horsepower and torque conditions. Provides quick, solid shifts. Automatic transmissions do not slip, helping racers improve on elapsed times. Delivers unmatched friction reduction and reduced wear so clutch plates and transmissions last longer. Provides maximum torque transfer and brake power while resisting oxidation and thermal breakdown.

*SAE 10W • Allison C-4 • Ford Type F*



MTF



ATH

### Torque-Drive® Synthetic Automatic Transmission Fluid (ATD)

Engineered to eliminate the deficiencies common to all conventional petroleum ATFs, AMSOIL Torque-Drive provides superior performance and protection against thermal and oxidative degradation, sludge and varnish formation and viscosity shear down. Ideal for Allison Transmissions and heavy equipment.

*Recommended for use in applications specifying Allison® TES-295, TES-389 or C-4, Dexron® III, Mercon®, TE-ML 14C, Voith 55.6336.XX (Voith G-1363)*



ATD

### Synthetic Tractor/Hydraulic Transmission Oil (ATH)

Formulated for combinations of transmissions, hydraulic systems, final drives, power take-off systems and wet brakes, including hydrostatic lawn mower transmissions. Exceeds the most demanding all-weather specifications of both Ford New Holland FNHA-2-C-200 & 2-C-201 and John Deere J20C & J20D, as well as most other tractor hydraulic/ transmissions, eliminating the need for seasonal oil changes.

FTF



## SAE 50 Long-Life Synthetic Transmission Oil (FTF)

Specially formulated to meet the demanding requirements of manual transmissions found in high-torque, heavy-duty line-haul trucks and other commercial applications. Its synthetic base stock and premium additives help reduce gear and bearing wear, improve shifting and extend transmission life throughout drain intervals of up to 500,000 miles/five years.

Eaton PS-164 Rev. 7 • API GL-1 and MT-1 • Navistar/International TMS 6816 • Mack TO-A Plus • Volvo I-Shift • ZF Freedomline • Meritor 0-81

## Synthetic Powershift Transmission Fluid

Specifically formulated for heavy-duty powershift transmissions. Provides outstanding friction performance for enhanced clutch engagement. Formulated to prevent slippage and glazing. Shear-stable and anti-wear fortified. Protects gears and bearings. Resists high-temperature oxidation, varnish and sludge formation. Superb cold-flow properties. Extended drain interval capable. Recommended for heavy-duty service found in commercial and earth-moving applications as well as lighter-duty transmissions requiring the listed specifications. SAE 30 & 50 are also excellent for manual transmissions.

### Synthetic Powershift Transmission Fluid (CTG)

SAE 10W • CAT TO-4 • Allison C-4 • Komatsu KES 07.868.1 • API GL-1

### Synthetic Powershift Transmission Fluid (CTJ)

SAE 30 • CAT TO-4 • Allison C-4 • Komatsu KES 07.868.1 • API GL-1

### Synthetic Powershift Transmission Fluid (CTL)

SAE 50 • CAT TO-4 • CD-50 • Komatsu KES 07.868.1 • API GL-1

CTG



CTJ



CTL



SVG



SVT



SVO



## Severe Gear® Synthetic EP Gear Lube

Specifically engineered for high-demand applications, including trailer towing, heavy hauling, 4x4 off-road driving, commercial use and racing. Superior lube film strength combined with extra additives protects gears and bearings from scoring and wear. Resists high heat and possesses excellent cold-flow properties. Outperforms all conventional gear oils. Recommended for all types of vehicles such as turbo-diesel pickups, SUVs, autos, trucks, heavy equipment and motor homes. Compatible with most limited-slip differentials.

### Severe Gear 75W-90 Synthetic Gear Lube (SVG)

#### Top fuel efficiency and cold-temperature performance

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

### Severe Gear 75W-110 Synthetic Gear Lube (SVT)

#### Extra viscosity protection without sacrificing fuel efficiency

API GL-5/MT-1 • MIL-PRF-2105E • Mack GO-J • Dana SHAES 234 (Eaton PS-037)

### Severe Gear 75W-140 Synthetic Gear Lube (SVO)

#### Maximum viscosity protection for severe-duty applications

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



**Gear Lube Hand Pump (G2039)**

PRODUCTS THE PROS USE  
 "AMSOIL Severe Gear has significantly reduced heat in our race trucks' differentials."

— Chad Hord, 2011 AMSOIL Cup Winner





**Severe Gear® Racing EP Synthetic Gear Lube**

High-viscosity, extreme-pressure gear lube engineered for the demands of severe racing conditions, including off-road truck racing, rock racing, rock crawling, tractor pulling, funny car racing and dragster racing. Protects gears from shock-loading and tire shake. Resists sling-off from G-forces and high speeds. Effectively clings to gears, promoting cooler operating temperatures and extending gear and bearing life.

- SAE 190 Severe Gear Synthetic Gear Lube (SRN)  
API GL-5/MT-1
- SAE 250 Severe Gear Synthetic Gear Lube (SRT)  
API GL-5/MT-1

**Long Life Synthetic Gear Lube**

Specifically engineered for extended drain intervals up to 500,000 miles as set by equipment manufacturers for over-the-road trucks. Protects against wear and improves equipment life. Excellent all-season summer and winter performance. Outperforms all conventional gear oils. Also excellent for passenger cars and trucks. Compatible with most limited-slip differentials.

- 75W-90 Long Life Synthetic Gear Lube (FGR)  
API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J+ • Dana SHAES 256 (Eaton PS-163)
- 80W-140 Long Life Synthetic Gear Lube (FGO)  
API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J+ • Dana SHAES 256 (Eaton PS-163)



**80W-90 Synthetic Gear Lube (AGL)**

High-quality replacement for applications specifying SAE 80W-90 conventional gear lube. Synthetic construction provides improved cold-flow properties, high viscosity index, superior heat resistance and excellent wear protection.

- API GL-5/MT-1 • MIL-PRF-2105E • MACK GO-J+ • Dana SHAES 234 (Eaton PS-037)



**Universal Synthetic Marine Gear Lube (AGM)**

Provides true marine gear performance, resists foaming and retains extreme-pressure qualities even when subjected to 10 percent water contamination. For use in outboard lower units, sterndrives, V-drives, bow and tunnel thrusters and marine transmissions requiring a SAE 75W-90 or 80W-90 meeting either GL-4 or GL-5 performance standards.

- GL-5, GL-4



OUTSTANDING PROTECTION FOR LOWER UNITS



**Slip Lock® Differential Additive (ADA)**

Eliminates gear-housing chatter in cars, trucks and SUVs equipped with limited-slip, positraction and locking differentials. Reduces banging and clunking associated with automatic locking differentials. Formulated for use with both synthetic and petroleum gear lubricants and safely replaces manufacturer-recommended friction modifiers. One tube treats differential capacities of two to four quarts.

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



EaO/Ea15K



### Ea® Oil Filters (EaO/Ea15K)

AMSOIL Ea Oil Filters are the highest efficiency filters available to the auto/light-truck market. Featuring advanced full-synthetic technology, Ea Oil Filters provide greater efficiency, capacity and durability than cellulose filters, extending engine and filter life and reducing engine wear. When used in conjunction with AMSOIL synthetic motor oil, AMSOIL Ea Oil Filters are guaranteed for extended service life:

- Ea Filters designated with product code Ea15K are recommended for 15,000 miles/one year, whichever comes first, in normal or severe service.
- Ea Filters designated with product code EaO are recommended for 25,000 miles/one year, whichever comes first, in normal service or 15,000 miles/one year, whichever comes first, in severe service.

### Which filter do I need?

Call 1-800-956-5695 (Monday-Friday, 7 a.m. - 5 p.m. Central Time) or contact the AMSOIL Dealer listed on the back of your catalog (if one is listed) to determine the appropriate filter for each application. When AMSOIL Ea Oil Filters are used with a motor oil other than AMSOIL motor oil the filter should be changed according to the vehicle manufacturer recommendation.



### Ea® Air Filters (EaA)

AMSOIL Ea Air Filters incorporate nanofiber technology which has been used exclusively in severe and heavy-duty applications. AMSOIL Ea Filters are more efficient and have greater capacity than cellulose and wet-gauze filters, effectively extending engine and filter life and reducing engine wear. Cleaning of Ea Filters with a shop vacuum or low-pressure shop air is recommended every 25,000 miles or one year, and they have a total service life of 100,000 miles or four years.

## More Premium Ea® Filters

AMSOIL offers a variety of other Ea oil and air filters constructed with premium nanofiber technology. Call 1-715-399-8324 (Monday-Friday, 8 a.m. - 5 p.m. Central Time) for Ea By-Pass, Ea Universal Air Induction, Ea Racing and Ea Pre-Filter application information. Call 1-800-956-5695 (Monday-Friday, 7 a.m. - 5 p.m. Central Time) for motorcycle filter application information or consult the AMSOIL Powersports Application Guide.



EaBP

### EaBP By-Pass Filters (EaBP)

High-efficiency by-pass filters effectively remove minute dirt particles and soot. Provides an efficiency rating of 98.7 percent at two microns and filters all the oil in a typical five-quart sump in less than 10 minutes at normal operating RPM.

*Some mechanical ability required for installation.*



EaAU

### Ea Universal Air Induction Filters (EaAU)

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.



BMK23

### Dual-Remote Oil Filtration Kit (BMK23)

Versatile system combines full-flow and by-pass oil filtration on a single, easy-to-install mount. All installation parts are included.



EaAR

### Ea Racing Air Filters (EaAR)

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.



BMK22

### Dual Gard® Oil Filtration Mount (BMK22)

Links two AMSOIL By-Pass Filter elements together for engines with sump capacities over 20 quarts. Allows fast and simple servicing with spin-on elements.



EaPF

### Ea Pre-Filters (EaPF)

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.



BMK18

### Marine Dual-Remote Oil Filtration Kit (BMK18)

High-efficiency oil filtration system for marine applications combines full-flow and by-pass oil filters on an easily accessible remote mount. Adapter kits allow system to be used with a wide variety of marine engines.



EaOM

### Ea Motorcycle Oil Filters (EaOM)

Designed for motorcycles, ATVs and four-stroke personal watercraft, snowmobiles and outboard motors, stopping smaller dirt particles, offering less restriction, extending equipment and filter life and improving performance. Fluted for easy removal. Available in black or chrome.



BMK30

### Heavy-Duty By-Pass System (BMK30)

Maximum filtration performance for virtually all heavy-duty diesel applications, including Class 6, 7 and 8 heavy-duty trucks, off-road equipment, buses, generators, marine engines, logging and agricultural equipment.

GRG



### Series 2000 Synthetic Racing Grease (GRG)

Ultimate protection for hard-driven, high-performance vehicles. Dramatically reduces friction and wear for improved performance.

*N.L.G.I. No. 2, GC/LB*

### Synthetic Polymeric Off-Road Grease

Formulated to resist impact/pound-out and provide outstanding protection and performance in the extreme environments faced in heavy-duty off-road equipment. Provides exceptional adhesion and cohesion properties, resists water washout and stays in place longer, providing outstanding lubrication over extended service intervals, reducing maintenance costs and extending equipment life.

Synthetic Polymeric Off-Road Grease (GPOR1)

*N.L.G.I. No. 1*

Synthetic Polymeric Off-Road Grease (GPOR2)

*N.L.G.I. No. 2*

GPOR1

GPOR2



GPTR1

GPTR2



### Synthetic Polymeric Truck, Chassis and Equipment Grease

Delivers excellent wear protection and performance in the severe-service, extreme-pressure environments faced in medium- and heavy-duty over-the-road trucks and equipment. Clings tenaciously to metal surfaces and delivers maximum impact/pound-out resistance, staying in place to seal out water and contaminants and provide a protective barrier between metal components. Extended service life reduces the need for frequent re-application (or requires less grease at each servicing), reducing maintenance costs and increasing equipment life.

Synthetic Polymeric Truck, Chassis and Equipment Grease (GPTR1)

*N.L.G.I. No. 1*

Synthetic Polymeric Truck, Chassis and Equipment Grease (GPTR2)

*N.L.G.I. No. 2*

GLCSC



### Synthetic Multi-Purpose Grease

Reduces friction and wear in high-speed/high-temperature components such as automotive wheel bearings and electric motors. Keeps components running clean and trouble-free for outstanding performance and long life.

Synthetic Multi-Purpose Grease (GLC)

*N.L.G.I. No. 2, GC/LB*

Synthetic Multi-Purpose Grease (GLB)

*N.L.G.I. No. 1, GC/LB*

GLC



GWR



### Synthetic Multi-Purpose Spray Grease (GLCSC)

The same great AMSOIL Synthetic Multi-Purpose Grease in a convenient spray formulation. Ideal for greasing hard-to-reach equipment such as hinges, springs and many other common applications.

### Synthetic Water Resistant Grease (GWR)

Resists water washout and degradation. Unparalleled protection for boat trailer wheel bearings, outboard motors and other components frequently exposed to water.

*N.L.G.I. No. 2*

GXC



### X-Treme Synthetic Food Grade Grease (GXC)

An ultra-premium lubricant designed for high levels of protection in food and pharmaceutical industry equipment. USDA H-1 rated for incidental contact with food.

*N.L.G.I. NO. 2 HIGH TEMPERATURE EP*

GSF



### Semi-Fluid 00 Synthetic EP Grease (GSF)

Formulated with high-viscosity ISO-460 synthetic base oils and a sophisticated additive package, providing unparalleled protection against wear. Ideal for leaky gear boxes in industrial and fleet applications, centralized lubrication systems and for use in applications that are difficult to service. Primarily used in grease-filled cases where conventional semifluid greases do not provide adequate lubricant life or protection. Replaces Mobil SHC 007.

N.L.G.I. #00

### Synthetic High Viscosity Lithium Complex Grease (GVC)

Lithium complex thickened grease blended with premium ISO-320 synthetic base oils. Fully compounded with additives providing EP protection, oxidation resistance and rust and corrosion protection. Excellent for use in heavy-duty industrial and off-road applications where equipment is working under adverse conditions such as exposure to environmental elements, slow, heavily-loaded applications and shock-loading conditions.

N.L.G.I. #2

### Semi-Synthetic Bar and Chain Oil (ABC)

Clings to metal surfaces better than other oils. Delivers unparalleled lubrication and protection.

### Synthetic Compressor Oil

Provides outstanding protection and performance in rotary screw, rotary vane, reciprocating and other compressor applications. Compatible with PAO-, ester- and petroleum-based compressor oils. Not compatible with glycol- or silicone-based compressor oils.

Synthetic Compressor Oil (PCH)  
ISO 32, SAE 10

Synthetic Compressor Oil (PCI)  
ISO 46, SAE 20

Synthetic Compressor Oil (PCJ)  
ISO 68, SAE 30

Synthetic Compressor Oil (PCK)  
ISO 100, SAE 40

Synthetic Compressor Oil (PCL)  
ISO 150, SAE 50

### SIROCCO® Synthetic Compressor Oil (SEI)

Provides superior protection and performance in rotary screw and vane compressors. Increases operating efficiency, reducing money spent on energy, repair and maintenance costs. Recommended as a direct replacement for PAG compressor oils such as Sullair Sullube 32 and Ingersol Rand SSR Ultra Coolant. Compatible with PAG-, PAO-, ester- and petroleum-based compressor oils. Not recommended for use with silicone base fluids.

ISO 32/46

### Synthetic Antiwear Hydraulic Oil

Protects hard-working hydraulic systems from the stress of high-pressure, high-load and heavy-duty operations. Remains fluid in cold temperatures for immediate cold-weather flow. Special anti-wear additives and rust inhibitors provide optimum protection to expensive equipment. Provides maximum efficiency for reduced fuel usage and increased production.

Synthetic Hydraulic Oil (AWF)  
ISO 15

Synthetic Hydraulic Oil (AWG)  
ISO 22

Synthetic Hydraulic Oil (AWH)  
ISO 32

Synthetic Hydraulic Oil (AWI)  
ISO 46

Synthetic Hydraulic Oil (AWJ)  
ISO 68

GVC



ABC



PCI



SEI



AWI



## P.i.<sup>®</sup> Performance Improver (API)

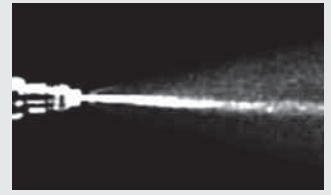
P.i. Performance Improver ranks among the most potent gasoline additives available today. As a concentrated detergent, it is outstanding in cleaning combustion chamber deposits, intake valve deposits and port fuel injector deposits, eliminating the need for expensive fuel injector cleaning procedures. It is ideal for use prior to emissions inspections, and it helps maintain peak engine efficiency, fuel economy, power and drivability in newer low mileage engines. In engines with accumulated deposits, P.i. provides improved fuel mileage up to 5.7%, reduced emissions, restored power and performance, reduced need for higher octane fuel, reduced carbon rap and preignition, better drivability and smoother operation after only one tank of gasoline. Treat one full tank of gas every 4,000 miles (100 hours of service for marine, stationary and off-road gas-powered engines). One bottle treats one full tank of gas up to 20 gallons.



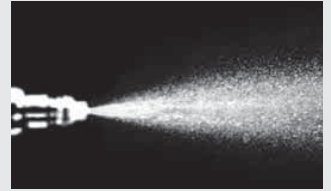
Industry's Most Advanced Formulation Improves Fuel Economy



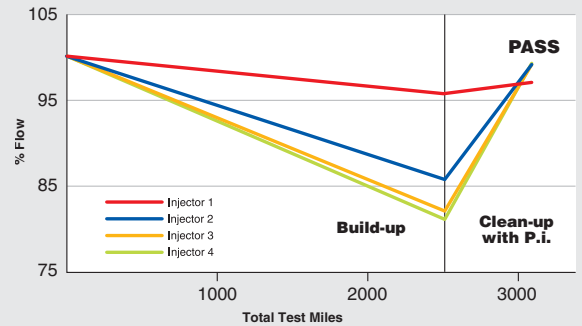
Two of the four dirty injectors tested were fouled >15% and another was fouled >10%. After one tank of operation on AMSOIL P.i., all injectors returned to >95% flow.



Injector spray pattern before P.i. treatment.



Injector spray pattern after P.i. treatment.



## Quickshot<sup>®</sup> (AQS)

Formulated to thoroughly clean varnish, gums and insoluble debris in two- and four-stroke gasoline-powered small engines and powersports equipment fuel systems, restoring peak performance. Effectively addresses performance issues related to ethanol, water and dirty pump gas. Stabilizes fuel between uses and during short-term storage periods. See package for treat rates.

Motorcycles • Snowmobiles • Boats • ATVs • Edgers • Tillers • Mowers • Snowblowers • Chainsaws • Generators • Farm & Construction Equipment • and more

Phase separation is when ethanol/water mixtures fall to the bottom of fuel tanks and containers, leading to lean-burn conditions.

Quickshot helps keep water molecules dispersed to prevent phase separation.

Degraded fuel can present a major maintenance issue in motorcycle engines, forming varnish, gum and insoluble debris that clog carburetors, fuel injectors and fuel filters. Carbon buildup can form on the tops of pistons resulting in pre-ignition, rough idling and poor throttle response. Fuel-related problems are only expected to intensify in the coming years as the ethanol content in pump gasoline continues to increase.

AMSOIL Quickshot<sup>®</sup> (AQS) is a premium fuel additive formulated to thoroughly clean and restore peak performance in motorcycle and powersports equipment fuel systems. It also stabilizes fuel between uses and during short-term storage periods.



Addresses Ethanol-Related Performance issues

**AMSOIL  
QUICKSHOT  
AWARDED  
BEST NEW  
POWERSPORTS  
PRODUCT  
OF 2011**  
BY THE SPECIALTY EQUIPMENT  
MARKET ASSOCIATION



AST



### Gasoline Stabilizer (AST)

Formulated to keep fuel from deteriorating during storage. Reduces the oxidation process to prevent varnish and gum buildup in gasoline, which can clog injectors, stick floats and cause poor engine performance. Treat rate is one ounce with every 2.5 gallons of fuel. One bottle treats 40 gallons.

### Engine Fogging Oil (FOG)

Superior film retention provides stored equipment with long-term protection against corrosion and dry starts, extending engine life and reducing operating expenses. Its aerosol spray formulation offers easy and clean application, while reaching more components and offering complete distribution of the oil, something especially beneficial in applications with horizontal cylinder orientation, such as outboard motors.

FOG



### Series 2000 Octane Boost (AOB)

AMSOIL Series 2000 Octane Boost improves the performance of all two-cycle and four-cycle gasoline fueled engines. AMSOIL Octane Boost maximizes power, reduces engine knock and improves ignition and engine response. Helps fuel burn cleaner and removes carbon deposits. Excellent as a lead substitute at same treat rates in collector automobiles, older off-road equipment, 4x4 off-road vehicles and gasoline racing vehicles. One bottle treats 15 gallons.

AOB



### Diesel Concentrate (ADF)

Total system cleaner and lubricity improver for all types of heavy and light-duty diesel engines. Formulated with ultra-low-sulfur diesel fuel (ULSD) in mind, Diesel Concentrate controls the problems created by EGR systems by neutralizing acids during combustion, minimizing acidic cylinder wear, reducing the rate of TBN depletion and maintaining oil quality. Cleans fuel injectors and combustion chamber for improved efficiency and better sealing and minimizes soot-loading. Improves the oxidation and thermal stability of diesel fuel, improves fuel economy by up to 5 percent, restores horsepower and protects against water contamination. Compatible with all types of exhaust emission systems, including diesel particulate filters (DPF's). Also recommended in heating oil furnace applications. One ounce treats five gallons of fuel. One 16-oz. bottle treats 80 gallons.

ADF



UP TO 5%  
BETTER FUEL ECONOMY

ACF



### Diesel Cold Flow Improver (ACF)

Recommended for low-temperature applications below 40°F. Effectively modifies wax crystal formation at low temperatures to depress diesel fuel pour point and improve cold-flow filtration properties. Lowers the cold filter plugging point by as much as 20°F and decreases the need for #1 diesel fuel diluted with kerosene. Contains jet fuel-type deicer to help prevent ice formation in fuels contaminated with water. Compatible with diesel particulate filters (DPFs). Two ounces treat five gallons of fuel. One bottle treats 40 gallons.

DFC

### Diesel Concentrate Plus Cold Flow Improver (DFC)

Premium, year-round diesel fuel additive that provides improved efficiency and maximum cold-weather performance. Combines the superior detergency and lubricity of AMSOIL Diesel Concentrate with the excellent anti-gelling properties of AMSOIL Cold Flow Improver in one convenient package without sacrificing performance. Two ounces treat five gallons of fuel. One bottle treats 40 gallons.



DRC

Keep a  
bottle  
on hand  
for  
emergencies



### Diesel Recovery (DRC)

Quickly and effectively dissolves the wax crystals that form when diesel fuel surpasses its cloud point. Quickly liquefies gelled diesel fuel, thaws frozen fuel filters and reduces the need for a new filter, saving money and allowing the operator to continue driving with minimal downtime. Performs well in all diesel fuels, including ULSD, off-road and biodiesel. Alcohol-free and non-corrosive. One ounce treats one gallon of fuel. One bottle treats 30 gallons.

ACB



### Cetane Boost Diesel Fuel Additive (ACB)

Improves combustion efficiency to increase power in diesel engines. Raises cetane three to seven numbers. Also improves low-temperature starting, fuel ignition quality and reliability. One ounce treats up to 10 gallons of fuel. One bottle treats up to 160 gallons.

*Five-gallon pails and 55-gallon drums are filled to 98 percent of packaging capacity to allow for product expansion in warm temperatures.*

### Power Foam® (APF)

Improves starting and performance. Cleans dirty intake systems and spark plugs and frees sticky valves. Also removes gum, varnish and carbon deposits from engine exterior surfaces.

### Silicone Spray (ALS)

Perfect for lubricating non-metallic surfaces that come into contact with metal, nylon, cardboard, fiberglass, wood or plastic surfaces. Works great as a suede protectant. Use anywhere a light-duty or silicone lubricant is required. Special nonstain formula. USDA H-1 rated.

### Metal Protector (AMP)

Disperses water and protects metal surfaces from rust and corrosion. Penetrates existing rust build-up and loosens bolts. Also dries wet electrical systems. A must for any home or shop. Keep a can in your vehicle too.

### Heavy Duty Metal Protector (AMH)

A heavy-duty spray lubricant fortified with special rust and corrosion inhibitors. It penetrates and adheres to metal surfaces, leaving a dry, long lasting wax-like protective coating. Dries completely and doesn't attract dust. Ideal for motorcycle, bicycle and ATV chains. Also works well as an undercoat, preventing rust and eliminating squeaks.

### Engine and Transmission Flush (FLSH)

Helps restore operating efficiency, increase fuel economy and reduce emissions in gasoline and diesel engines and automatic transmissions. Its potent, detergent-based formula dissolves and disperses sludge, varnish and deposits, promoting lower operating temperatures and reduced oil consumption. More environmentally friendly than solvent-based products, providing safer cleaning action and easy disposal with waste oil.

### Propylene Glycol Antifreeze and Engine Coolant (ANT)

Combines the benefits of biodegradability, low toxicity and all-climate protection. AMSOIL Propylene Glycol Antifreeze and Engine Coolant is safer for kids and pets than ethylene glycol coolants. Offers protection for 750,000 miles/7 years for over-the-road diesel trucks and 250,000 miles/7 years for gasoline vehicles. Compatible with all other major antifreeze products.

### Dominator® Coolant Boost (RDCB)

Provides quick and effective heat transfer inside radiator and cylinder heads, resulting in reduced operating temperatures, more efficient operation, increased horsepower and quicker engine warm-up times. Robust mixture of corrosion inhibitors effectively protect the radiator, heater core, water pump, cylinder heads, engine block and intake manifold from the damaging effects of corrosion. Recommended with both racing applications using straight water coolant and automotive applications using 50/50 coolant/water mixtures.

APF



AMP



FLSH



RDCB



ALS



Hundreds of household uses

AMH



ANT



BF3



BF4



AMW



## High Performance Brake Fluid

Provides superior performance in auto/light truck, high-performance, racing and powersports applications. Maintains stable viscosity over a wide temperature range. Superior additive package raises boiling point to more than 232°C (450°F). Water is kept in suspension, slowing its effects on braking systems. High boiling temperature ensures maximum life and reliable braking power in extreme conditions.

Series 500 High Performance DOT 3 Brake Fluid (BF3)  
 FMVSS 116 • SAE J1703 • ISO 4925 • Federal Specification V V-B-680

Series 600 High Performance DOT 4 Brake Fluid (BF4)  
 FMVSS 116 • SAE J1704 • Federal Specification V V-B-680

## Synthetic Universal Power Steering Fluid (PSF)

Effectively reduces friction and delivers excellent wear protection and lubricity, resulting in cooler operating temperatures, longer component life and quieter operation. Low pour point ensures immediate lubrication at startup and in cold temperatures, while high viscosity index resists thermal breakdown and maintains maximum protection in high temperatures.

Ford 9M2C138-CJ, M2C33-F & ESW-M2C128-C&D • Volkswagen TL-VW-570-26 & TL-52146 • GM 9985010 Saginaw Power Steering Systems • DaimlerChrysler MS1872 & MS5931F • America Motor Corporation C4124 • Navistar TMS 6810 • Acura/Honda • Mercedes Benz • Saab • Subaru • Audi

PSF



## Fluid Extraction Pump (G2576)

Aids in the removal of power steering fluid, engine oil, drivetrain lubricants and engine coolant.



## BriteSide® Miracle Wash® Aerosol Spray (AMW)

A unique dry car wash and polish delivers outstanding performance and quick, easy and economical application. No water required. Specially formulated surfactants lift dirt and other particles from the surface and hold them in suspension. Miracle Wash then acts as a shield, protecting the surface from abrasion while you wipe the dirt clean. Repels dust and light dirt particles and protects against the sun's ultraviolet rays.



## Aftermarket Partners

AMSOIL also offers premium products from its aftermarket partners, including Donaldson, WIX and MANN filters; NGK spark plugs and wires; TRICO wiper blades and Mothers® appearance products.

For product and pricing information, call 1-800-956-5695 (Monday - Friday, 7 a.m. - 5 p.m. Central Time) or contact the AMSOIL Dealer listed on the back of your catalog (if one is listed).



*The First in Synthetics®*

Contact your AMSOIL Dealer for more information on AMSOIL products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ▼

Referral # \_\_\_\_\_