

AMSOIL INC. • 925 TOWER AVE. • SUPERIOR, WISCONSIN 54880 • 715.392.7101 • FAX 715.392.5225

NEW DIESEL INJECTOR CLEAN + CETANE BOOST: CONVENIENT WARM-WEATHER PROTECTION

New Diesel Injector Clean + Cetane Boost (ADS) combines the superior detergency and improved lubricity of AMSOIL Diesel Injector Clean with the increased horsepower and cetane of AMSOIL Cetane Boost in one convenient package, providing the full potency and benefits of both products at an affordable price.

Diesel Injector Clean + Cetane Boost is purpose-built for professionals who depend on diesel power to make a living. It provides the total package of injector cleaner, lubrication booster and performance improver in one easy-to-use treatment that aids in retaining power and fuel economy while preventing wear that leads to expensive repairs.

- Cleans dirty injectors
- Lubricates pumps and injectors to reduce wear
- Increases cetane up to 8 points best cetane improvement on the market
- Extends fuel-filter life

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- **Improves** fuel economy up to 8%
- Combats fuel-system corrosion

- Delivers maximum horsepower
- Safe for use in all diesel fuels, including biodiesel
- Alcohol-free

Convenience and Cost Savings

Diesel Injector Clean + Cetane Boost is the ideal combination diesel fuel additive for climates that don't require the cold-flow benefits of AMSOIL Diesel Cold Flow.

Recommendations

Diesel Injector Clean + Cetane Boost is recommended for use with all types of heavy- and light-duty, on- or off-road and marine diesel engines.

To prevent cold-weather fuel issues, add Diesel Cold Flow or switch to Diesel All-In-One.

Note: The 16-oz. (473-ml) bottle treats up to 80 gallons (303 L). The 8-oz. (237-ml) bottle is specially formulated to treat up to 20 gallons (76 L) in one convenient dose.





The First in Synthetics

Free Shipping for **Commercial Accounts**

AMSOIL commercial accounts receive free shipping for orders totaling \$350 (\$450 Can.) or more. If your order total is less than \$350 (\$450 Can.), a flat shipping rate of \$11.99 (\$13.99 Can.) will apply. Free shipping is available for commercial accounts in the contiguous U.S. and Canada. It is not available in Alaska or Hawaii at this time. Additional charges may still apply if you require lift-gate, call-before-delivery or other special services. Interline fees will also still apply for shipping to remote areas of Canada.

Commercial Discounts

At the beginning of each year, your discount is locked-in based on your purchases over the previous 12 months. Accounts that purchase enough to qualify for a discount are granted that discount immediately, and continue receiving that discount for the remainder of the year.

U.S. Discount Level	s
Spend Levels	Discount
\$5,000 - \$9,999.99	5%
\$10,000 or more	10%
Canada Discount L	evels
Spend Levels	Discount
\$6,000 - \$11,999.99	5%
\$12,000 or more	10%

*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.

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Diesel Injector Clean + Cetane Boost					
Stock #	Units	Pkg./Size	U.S. Wholesale	Can. Wholesale	
ADSPCN	EA	(1) 8-oz. Bottle	3.90		
ADSPCN	CA	(6) 8-oz. Bottles	22.05		
ADSCN	EA	(1) 16-oz. Bottle	9.95	13.20	
ADSCN	CA	(12) 16-oz. Bottles	113.70	150.30	
ADSHG	EA	(1) 64-oz. Bottle	32.65		
ADSHG	CA	(6) 64-oz. Bottles	186.48		
ADS05	EA	(1) 5-gal. Pail	284.25	376.70	
ADS55	EA	(1) 55-gal. Drum	2709.85	3596.95	
			gallons (303 L). The 8-oz 5 L) in one convenient dos		

*Use product code ADSCNC for the 16-oz. (473-ml) bottles in Canada. The 8-oz. (237-ml) and 64-oz. (1.9-L) bottles are not available in Canada.

SIGNATURE SERIES: THE MEASURE OF PERFORMANCE

In the NOACK Volatility Test, Signature Series scored far below the API limit for evaporation and proved it remains where it's needed most – protecting your engine.

Nearly 35 years ago AMSOIL became the first oil manufacturer in the United States to use the NOACK Volatility Test as a measure of motor oil excellence. Today, it's the industry standard. Originally developed and used in Europe, the NOACK test was not commonly used for lubricants until AMSOIL Founder Al Amatuzio pioneered its use for automotive motor oils in 1985. Previously, a lubricant's flash point was the primary way to approximate its volatility.

Oil Volatility: Feeling the Burn

Modern engines generate more heat than their predecessors. At elevated temperatures, the oil's lighter-weight molecules can volatilize, or burn-off. The more volatile a lubricant is, the lower the temperature at which the lubricant will begin to evaporate. The more it evaporates, the less oil is left to protect the engine, and frequent top-offs are required. You may have owned an automobile that mysteriously "used" motor oil.

Volatility affects more than the rate of oil consumption. When light elements in oil evaporate, the oil's viscosity increases. This thicker oil forces the engine to work harder and can result in numerous problems:

- Reduced performance
- Reduced fuel economy
- Poor cold-temperature starting
- Increased engine deposits
- **Out-of-balance** oil formulation, potentially leading to reduced protection

Another Benefit of Signature Series

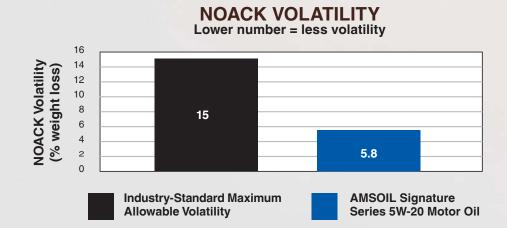
If a vehicle "uses" oil it may be due to the oil's volatility. Switching to AMSOIL Signature Series Synthetic Motor Oil, which resists volatility better than other oils, can reduce oil consumption and maximize engine performance.



Signature Series Limits Oil Consumption

Signature Series has a uniform molecular structure that limits evaporation and keeps it where it's needed most – protecting your engine. It limits the volatility (burnoff) that occurs when oil gets hot, protecting against the harmful effects of oil thickening, additive imbalance, higher emissions and oil consumption. A lower NOACK number indicates better resistance to evaporation. Signature Series falls far below the API limit for volatility, reducing the need for frequent oil top-offs and limiting vehicle emissions.





NOACK Volatility Test

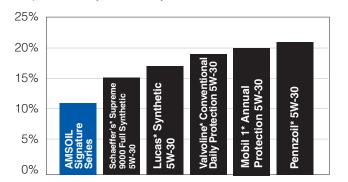
In the NOACK test, an oil sample is weighed and heated to 250°C (482°F) for one hour. Dry air is passed over the sample, carrying the oil vapors that have boiled off and depositing them in a beaker. The original sample is removed and re-weighed. Any reduction in weight is reported as a percentage loss of the original weight.

Signature Series Fights Viscosity Breakdown

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

VISCOSITY BREAKDOWN

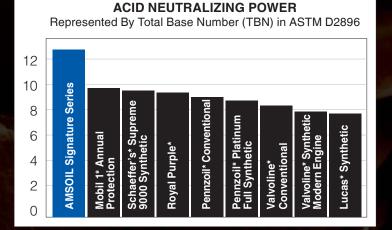
Represented By % Viscosity Lost In The Kurt Orbahn Test



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

Signature Series Neutralizes Acids

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



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

WELL-BALANCED PROTECTION

Signature Series' well-balanced formula delivers exceptional protection in all areas of motor oil performance.

Signature Series Fights Wear

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

like pistons and cams.

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

Signature Series Guards Turbos

Signature Series protects turbochargers **72% better** than required^C by the GM dexos1[®] Gen 2 specification. "Based on independent testing of AMSOL Signature Series SW-30 in the GM turbo coking test.

Signature Series Protects Against LSPI

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

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

Signature Series Cleans

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

^ovs. AMSOIL OE Motor Oil ^{co}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.



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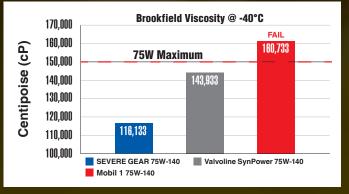
Ordering Tips - Commercial accounts get free freight with orders of \$350 (\$450 Can.) or more. If your order total is less than \$350 (\$450 Can.), a flat shipping rate of \$11.99 (\$13.99 Can.) will apply. To order: Call 1-800-777-7094 or log into the Commercial Account Zone at myaccount.amsoil.com. Printed in USA. © Copyright 2019



FOR THE **ULTIMATE** COLD-WEATHER PROTECTION, **TRUST AMSOIL**

Some gear lubes fail to meet basic low-temperature requirements.

Mobil 1* 75W-140 Gear Oil, for example, failed to meet the requirements of the industry standard^s. AMSOIL SEVERE GEAR[®], on the other hand, **delivers 20% more cold-temperature protection** than the standard requires. It delivers better cold-temperature protection than Mobil 1 and Valvoline* SynPower*.



^sBased upon results of samples of Mobil 1 75W-140 and Valvoline SynPower 75W-140 purchased in 2018 and tested in ASTM D2983 by an independent testing facility in May 2018. Samples sent blind to eliminate bias.

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