

Your Amsoil Information News Source

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Congratulations:

New Preferred Customers

Michael Olson Lincoln, NE

John Fallon Lincoln, NE

Jeff Thompson Colorado

Steve Moore Lincoln, NE

New Dealer

Bruce Hobelman Lincoln, NE

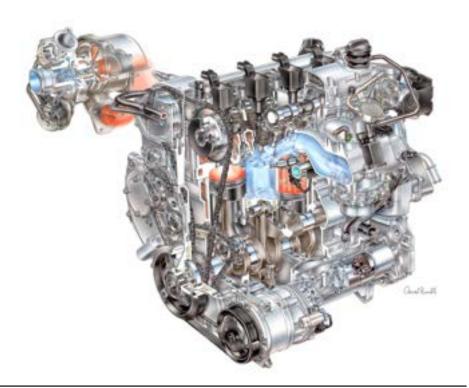
Turbochargers

Turbochargers run on exhaust gases that often exceed 1,000°F, which can quickly break down conventional oils and lead to deposit formation on the bearing. AMSOIL synthetic motor oils resist extreme heat and deposit formation for excellent turbo protection. Make sure your customers that own turbocharged engines understand the importance of using a high-quality synthetic oil to get the most out of their vehicles.

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Basics of Oil Analysis...Explained - Part 2

When to Analyze?

When should an oil analysis be performed? The answer depends on the equipment, the frequency at which it is used and the severity of that use. Typically, oil analysis is performed at normal fluid change intervals. In more critical applications or if a problem has been noted in the past, analysis frequency is half the normal fluid drain interval.

After Analysis

Once your oil has been analyzed, you will receive a report with a bunch of numbers and names of various things that are difficult to understand. There are three group designations:

> Wear Element Additive Contaminant

Wear Element: The presence of this type of element would suggest that wear is occurring.

Additive: This type of element is present as part of the oil itself.

Contaminant: This type of element is an undesirable addition that has found its way into the oil.

An element's type (wear/additive/contaminant) is important in determining what levels of concentration would be considered acceptable. Contaminant levels should always theoretically be zero or only a few parts per million at the most. Additives should correspond to those levels found in a new and unused sample of the oil being tested.

However, equipment age and length of time a fluid has been in service must be considered in all results.

ANALYSIS INTERVALS FOR COMMON EQUIPMENT

(Typical intervals for pe	etroleum based lubricants)		
Diesel Engines	100-500 Hours, 3,500-20,000 Miles		
Gasoline Engines			
Transmissions			
Gears, Differentials, Final Drives			
Hydraulics	Normal Use Intermittent Use		
Gas Turbines			
Steam Turbines	00 Hours or Bi-MonthlyQuarterly		
Air or Gas Compressors	50 Hours or Monthly Quarterly		
Natural Gas Engines	50 Hours or MonthlyN/A		
Gears and Bearings150	00 Hours or Bi-MonthlyQuarterly		
Refrigeration Compressors	N/A		

Why Oil Analysis?

There are great benefits with oil analysis in diesel equipment and equipment with large sumps. There are also great benefits for the average consumer with a gasoline engine.

Longevity of oil is not only based upon the quality of product, but also the length it is in use (miles), time it is in use (hours of operation), and even driving style. For example: stop and go traffic causes more wear and tear than highway driving.

I use Amsoil's Signature Series 5w-20 in my Truck and in my wife's car. I only change the oil once per year. If there are any doubts about an oil "lasting" an entire year and still maintaining the requirements needed to cool and lubricate the engine properly, oil analysis addresses those doubts by revealing the condition of the oil after one year of use. In the upcoming months I will explore my oil analysis results for my truck and my wife's car.

Oil analysis also helps you plan for future repairs. Analyzing wear metals in the oil help determine if issues are arising in the engine. As an example, high levels of Iron (Fe) in the oil can indicate excessive wear with cylinders, piston rings, camshafts, crankshafts, gears, rocker arms, valve bridges, cam follower rollers, etc. Catching such an issue early can help you plan to address a repair before a major malfunction.

The Altrum Minute

What Are Probiotics?

Probiotics are the beneficial bacteria and microflora that reside in your gut. These yeasts and "good" bacteria normally reside in balance with other bacteria in the intestinal tract. Taking probiotics for prostatitis is recommended to help restore this balance.

Probiotics are considered a natural and alternative treatment for chronic prostatitis/chronic pelvic pain syndrome (CP/CPPS) and are also especially helpful if you have bacterial prostatitis, especially if you have taken antibiotics. Probiotics work well for managing prostatitis, especially when they are combined with the supplements pollen and quercetin as part of phytotherapy.

Taking a probiotic supplement can help you restore the balance of good/bad bacteria in your intestinal tract, which can help you to fight the effects of these organisms. Probiotics can help to restore gut health, which is especially compromised by taking antibiotics that are commonly prescribed for prostatitis.

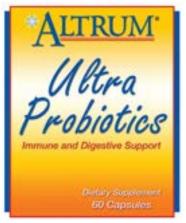
Since widespread use of antibiotics can kill off both the beneficial and the harmful bacteria in your body, some of the more harmful bacteria in the intestinal tract can take over, causing health problems such as diarrhea, rashes, ulcers, and gum problems. It has even been hypothesized that widespread use of antibiotics can increase risk of developing chronic prostatitis. If you have recently taken antibiotics, using supplements like probiotics can help you to restore a healthy balance and promote immunity by restoring your beneficial bacteria.

The largest group of beneficial bacteria found in the gut are those in the genus Lactobacillus, followed by Bifidobacterium. Each of these two groups has scores of species and subspecies, and researchers are still exploring the traits and benefits of these microorganisms.

Probiotics are beneficial to men's health in several ways. The following includes the benefits of the two main types of "good" bacteria:

Lactobacillus, as well as the genuses Streptococcus and Lactococcus, are known as lactic acid bacteria. These beneficial bacteria help break down food, and in the process form lactic acid and hydrogen peroxide. This in turn helps eliminate bad bacteria and help restore balance to the gut. They also are critical in promoting digestion, nurturing immune system function, boosting the synthesis of B vitamins, and aiding in the absorption of nutrients (including calcium).

Bifidobacterium species also produce lactic acid, but they can be beneficial in different ways. Generally they support the immune system, aid in digestion, help reduce cholesterol levels, fight allergic reactions and infections, and have some anticancer properties. It can be beneficial to provide your body with both Lactobacillus and Bifidobacterium species of probiotics on a daily basis.



servings per Container 30	Amount per	% Dail
	Serving	Value
hopristary Probletic Blend	25.5 billion CP	U
Laciobaciilus belgaricus		
Lactobacillus acidophilus		
Lactobacillus rhamnesus		. •
Lactobacillus plantarum		
Silidobacterium billidum		
Bilidobacterium longum		
Lactobacillus salivarius		
Lactobacillus gasseri		•
Lactobacillus helveticus		

Other ingredients: Matodextrin, fructooligosaccharides (FOS), inulin, gelatin capsule (gelatin and water). "At Time of Manufacture

Your Key to Renewal!

Ultra Probiotics (DUP) is a universal probiotic providing 26.5 billion live cells** of beneficial microflon cultures. Probiotics play an essential role in maintaining overall bealth by supporting the digestive and immune systems.⁺

This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

SUGGESTED USE: To support healthy flora take 2 capsules per day. I capsule per day may be sufficient to maintain healthy flora. As with any detary supplement, consult a physician if taking prescriptions of if you have a medical condition.

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Learn more at: <u>AltrumOnline.com</u>

Shop Talk... with Jon Olson

Check your oil.

Oil reduces the friction in your engine and keeps it running smoothly. You should check your oil at least once a month to make sure that there's enough oil and that it isn't contaminated.

To find out whether your vehicle needs oil, follow these steps:

1. When the engine is cold (or has been off for at least ten minutes), pull out the dipstick and wipe it off on a clean, lint-free rag.

2. Insert the stick back into the pipe.

3. Pull the dipstick out again and look at the film of oil on the end of the stick. Note how high the oil film reaches on the dipstick and the condition of the oil, and add or change the oil as needed.

4. Put the dipstick back into the pipe. You're done.

Depending on your engine and driving style, oil can turn dark or black pretty quickly. It doesn't necessarily mean that your oil is "all used up". Oil analysis can help determine the quality of your oil as well as if your oil is exhibiting signs of more severe problems headed your way.



Dealer's Zone

By Don Olson ZO#4901

New AMSOIL Preferred Customer Program (Starting May 1, 2016):

Reduced Pricing ... preferred Customers will continue paying wholesale price – a savings of up to 25%.



Freight Promotions ... Preferred Customers will begin receiving exclusive promotions for reduced freight costs!

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Product Promotions ... Preferred Customers will receive productspecific promotions.



Free Gear ... Each month, randomly selected Preferred Customers will receive free hats, shirts or other gear when they place an order. **P.C. Points** ... Preferred Customers will earn points on all purchases. Every 50 points earned is redeemable for \$1.00 off a future order. Points do not expire unless the P.C. allows his or her membership to expire.



Referral Rewards ... Preferred Customers who register friends and family members as P.C.s or Dealers will receive 500 bonus points after the referred customer makes a purchase.

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As a Preferred Customer that is referring a friend or family member (to earn the 500 points): When filling out the new PC form, or calling AMSOIL (800-956-5695 or 800-777-7094) to register your friend or family member (\$10.00 for six-month registration or \$20.00 for a one-year Registra-Dealerships cost \$30.00 tion. per year) you must insure you give them YOUR MEMBERSHIP number as the referring person otherwise you will not get the credit for the referral. You will get your 500 points only after the new Preferred Customer makes a purchase from AMSOIL.