

Olson Marketing

Monthly

June 2013 - Issue #22

Your Amsoil Information News Source

Multi-Vehicle Synthetic Power Steering Fluid

Power steering fluid is often neglected by motorists until a problem arises. It must combat contaminants and undergo temperature extremes while simultaneously fulfilling its role as a hydraulic fluid. Like any other lubricant, power steering fluid accumulates wear material and other debris over time, and therefore should be changed at prescribed intervals. AMSOIL Multi-Vehicle Synthetic Power Steering Fluid's durable synthetic formulation is designed to provide long, trouble-free service in most domestic and foreign passenger cars and light trucks.

AMSOIL Multi-Vehicle Synthetic Power Steering Fluid's synthetic chemistry delivers excellent lubricity and friction-reduction properties. As a result, power steering pump components and hoses receive maximum protection against wear and stress for long life and reliable performance.

In cold weather, conventional power steering fluid can thicken enough to prevent adequate fluid flow, resulting in power steering pump whine and poor operation.

AMSOIL Multi-Vehicle Synthetic Power Steering Fluid is formulated with a low pour point that ensures excellent fluidity in cold temperatures, resulting in quiet operation and reliable wear protection. At elevated operating temperatures, it resists thermal breakdown to help components remain clean and last long.



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New Preferred Customers

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Jennifer Hyatt
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Exploring the Power Steering System



2001 Ford F150
Power Steering
Fluid (ATF)
Last Changed:
Unknown

Replaced
with
Amsoil
ATF
Fluid

Power Steering Fluid or ATF?

Not all power steering systems require Power Steering Fluid. In fact, many vehicles utilize Automatic Transmission Fluid in their Power Steering system. Log on to Amsoil.com and look up your vehicle to see if it takes Power Steering Fluid or ATF.

The steering system is vital to the safety of an automobile. It allows the driver to safely maneuver the vehicle. Early steering systems were simple mechanical mechanisms. A series of shafts, rods, and gears transferred steering wheel motion to the wheels and tires. Today, steering systems are much more sophisticated, utilizing hydraulics and electronics to improve steering precision.

The steering system must perform several important functions:

- Provide precise control of the front-wheel direction and, sometimes, the rear-wheel direction.
- Maintain the correct amount of effort needed to turn the wheels.
- Transmit road feel (slight steering wheel pull caused by road surface) to the driver's hands.
- Absorb most of the shock going through the steering wheel as the tires hit bumps and holes in the road.
- Allow for suspension action.

Steering System Problems

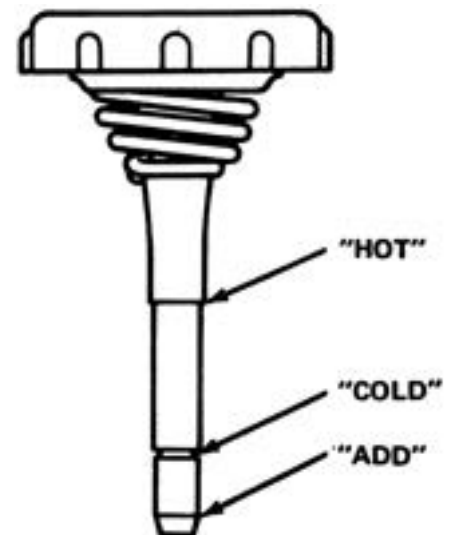
The most common steering system problems are play in the steering wheel, hard steering, and abnormal noises when turning the steering wheel. These problems normally point to part wear, lack of lubrication, or an incorrect adjustment. In many cases, simple replacement of old power steering system fluid will correct steering system problems. As a part of routine maintenance, this should be performed every 4 years or 60,000 miles.

Steering system maintenance typically involves checking for low fluid level, incorrect belt adjustment, system leaks, and other troubles. It may also include lubricating (greasing ball sockets).

To check the level of fluid in the power steering system, the engine should **not** be running. Set the parking brake and place the transmission in park or in neutral.

If the vehicle is equipped with a see-through reservoir, simply compare the fluid level to the markings on the side of the reservoir.

In some vehicles, the level must be checked using a dipstick that is part of the power steering reservoir cap. Unscrew and remove the cap from the power steering reservoir, Wipe off the dipstick and reinstall the cap. Remove the cap and inspect the level of fluid on the stick.



The Altrum Minute

The eyes need daily nutritional protection from aging, oxidative damage, and environmental stresses such as wind, extreme temperatures, vehicle exhaust, dust, dirt, everyday chemicals and UV light. Every part of the eye – retina, lens, cornea, iris, optic nerve, tear duct and even the eyelid – is crucial for sharp vision and benefits from specific nutrients.

[Vision Power](#) is an advanced, multi-nutrient eye formula that provides the most highly prized, essential nutrients to strengthen and protect your eyes.

A study published in the Journal of the American Medical Association emphasizes the importance of proper nutrition for maintaining eye health. In fact, a growing number of eye care professionals now recommend eye supplements. [Vision Power](#) provides the combined antioxidant power and protection of carotenoids, lutein, lycopene, zeaxanthin, alpha lipoic acid and much more. You won't find this level of nutritional vision support in any other eye health product.

Learn more at:

AltrumOnline.com



Grow with AgGrand

Texas American Quarter Horse Association cutting horse champion Gary Lord from the Dallas Fort Worth, Texas area gets great results using AGGRAND fertilizers. Dealer Bob Geyer worked with Lord at the L-Spur Ranch throughout this growing season to produce quality hay for competitive horses.

This is the first year Lord has used AGGRAND products and he increased his production of Coastal Hay by two-fold.

"I got a little over twice the yield this year, I have just a little over twice as much hay in my barn," Lord said.

Using a foliar application rate of one gallon of [AGGRAND Natural Liquid Fertilizer 4-3-3](#) per acre in early spring and then supplementing the hay between cuttings with one gallon of natural fertilizer, one-third gallon of [Natural Kelp and Sulfate of Potash](#) and one-half gallon of [Natural Liquid Bone-meal](#) per acre produced double the amount of bales this season.

Lord has been growing hay and pasture for 40 years and has tried many competitive products both granular and liquid. "This product works," Lord said.



"Considering that the hay and pasture grown in this area of the country are grown on non-irrigated ground, dependent on rain for irrigation and we had a drought year to boot, AGGRAND products performed very well," Lord said.

Lord and his wife, Rene, have trained horses, raised livestock, farmed in both central California and Texas and owned several ranches. Both were raised and lived in the agricultural community all their lives and know agriculture well. They know quality animals and they know farming.

"They're supplying quality hay with a quality cost-effective product," said Dealer Geyer.

Learn more at:

AgGrand.com



Automotive Lingo

Power Steering System Lingo

There are two basic kinds of steering systems in wide use today:

Linkage (worm gear)



and

Rack-And-Pinion



Nearly every new vehicle is equipped with rack-and-pinion steering. Some vehicles use a variation of the rack and pinion and linkage systems. In these vehicles, a rack-and-pinion is used to provide the directional force. A simplified linkage system transfers the force to steer the wheels.



Shop Talk

with Jon Olson

There is a confidence you begin to feel when you start running Amsoil products in your vehicle. This confidence I write about is not of arrogance, but it is more like a confidence of security. Knowing that your vehicle is protected by the best products possible builds that sense of confidence that allows you to feel safe and secure driving your vehicle.

As summer approaches and the kids finish up the school year, you may be looking forward to a much deserved and much needed vacation. As much as I enjoy working, I would much rather be on vacation. However, in this day and age, getting to your vacation destination can be quite pricey, especially if you are flying. More and more people are doing the math and figuring out that it is substantially cheaper to utilize their own vehicle for travel, rather than flying or even renting a vehicle. When these decisions are made you immediately think to yourself (or your wife asks you), "Will our vehicle make the journey?"

If you have kept up with the preventative and routine maintenance tasks, your answer will carry that confidence that "you" (meaning your wife) will need to hear. Not only is your vehicle protected by the best products possible, Amsoil's high quality lubricants allow you to increase fuel economy and decrease the amount of stops to fill the gas tank, which translates to money in your wallet.

Don's Corner

with Don Olson

I have heard more positive comments on the effectiveness of ALTRUM Joint Formula than any other single food supplement ALTRUM has to offer.

Some younger people have found Joint Formula very effective for their busy lives at keeping their joints "lubricated" and working easily, but more than that, we older generation find the Joint Formula essential in keeping away the 'creakiness' of some day's overdoing it a bit and just for everyday keeping the joints from getting stiff and 'crotchety'.

I also have read many testimonies from AMSOIL dealers and customers as to the effectiveness of Joint formula. You try it!

I like the automatic ordering that ALTRUM offers to have the supplements of my choice sent each month so I don't inadvertently run out.

See www.altrumonline.com for more information about all of the food supplements and automatic ordering.

To sign up click on the green box with the '\$' in it.

