

AMSOIL Universal Power Steering Fluid Provides Performance that Lasts

Most power steering systems use a belt-driven pump to provide hydraulic pressure to the system. The pump, usually a rotary vane pump, is driven by the vehicle's engine. As the speed of the engine increases, the pressure in the hydraulic fluid also increases, necessitating the incorporation of a relief valve to allow excess pressure to be bled away.

While the power steering is not being used (driving in a straight line), twin hydraulic lines provide equal pressure to both sides of the steering wheel gear. When torque is applied to the steering wheel, the hydraulic lines provide unequal pressures, providing assistance in turning the wheels in the intended direction. Other modern hydraulic power steering systems include an electronic pressure valve which can reduce the hydraulic pressure of the power steering lines as the vehicle's speed increases. This is known as variable assist power steering.

Why Change Power Steering Fluid?

Most people don't think about power steering fluid unless there is a problem. It is one of the most neglected fluids under the hood. Consumers realize that power steering systems require additional fluid occasionally, but do not realize that power steering fluid should be changed at regular intervals. Power steering fluid has a service life, just like any other lubricating fluid. Most original equipment manufacturers (OEMs) recommend changing power steering fluid due to the accumulation of wear material and other debris within the power steering system. It is subject to temperature extremes and must combat contaminants while simultaneously fulfilling its role as a hydraulic fluid. Most conventional power steering fluids are recommended for 50,000-mile drain intervals.

AMSOIL Power Steering Fluid

AMSOIL Synthetic Universal Power Steering Fluid provides excellent wear protection. Its synthetic formulation delivers better lubricity and reduced friction, resulting in cooler operating temperatures, longer component life and quieter operation. AMSOIL Power Steering Fluid is formulated with a high viscosity index. Its low pour point ensures immediate lubrication at startup and in cold temperatures, yet it resists thermal breakdown and maintains maximum protection in high temperatures.

Applications

AMSOIL Synthetic Universal Power Steering Fluid meets or exceeds motor vehicle specifications for use in GM, Chrysler, Honda, Ford, Volkswagen, Mercedes, Saab, Subaru and Audi applications.

- 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

Service Life

AMSOIL Synthetic Universal Power Steering Fluid should be changed every 100,000 miles. Its synthetic formulation resists degradation better than petroleum power steering fluids. AMSOIL Power Steering Fluid comes in 16-oz. bottles.

Fluid Extraction Pump

To aid in the removal of used fluids when servicing vehicles, AMSOIL now offers a fluid extraction pump (G2576). The AMSOIL Fluid Extraction Pump features a high-quality, heavy-duty barrel and premium Viton suction gaskets. Viton gaskets are more resilient and resistant to solvents than natural rubber or nitrile gaskets, ensuring better suction and longer life. This high-quality pump can

be used to remove old power steering fluid when converting a vehicle to AMSOIL Power Steering Fluid. It can also be used to remove other fluids such as engine oil, drivetrain lubricants and engine coolant.

