



PRODUCT INFORMATION & DATA SHEET

ATF 10 MERCON ULV

Latest generation ultra-low-viscosity ATF.

High viscosity index (VI) and ultra-low-viscosity (ULV) automatic transmission fluid engineered for extended service life in the latest demanding 9 and 10 speed automatic transmissions of passenger cars, SUVs and 4X4s requiring a MERCON ULV / DEXRON ULV fluid. It features enhanced shear-stable for less viscosity losses within the life of the fluid, improved low-temperature fluidity, providing precise transmission function and fuel saving benefits under the broadest range of operating temperatures.

Performance levels

AC Delco 10-4107, Ford MERCON ULV/ XT-12-QULV/ WSS-M2C949-A, DEXRON ULV, ZF Lifeguard 9HP

Some of the benefits of using this transmission fluid

- Designed to fulfil the performance requirements of the latest high-speed automatic transmission with 9 and 10 speed configurations.
- Excellent anti-shudder and features elevated low-temperature properties for better shifting performance in sub-zero weather.
- Extremely low-viscosity properties help in fuel conserving benefits and increase mechanical operational efficiency.
- Improved viscosity and thermal stability for a long-lasting fluid life, efficient transmission operation and extended service life.
- Highest resistance to foam formation and consistently protect against contamination, varnish, sludge and corrosion.
- Optimum well-modified friction characteristics allow smooth and precise gear engagement under severe temperature conditions.
- Optimum anti-wear and shear-stable technologies enhanced damage protection even it features thinner layer of lubrication film.

Areas of application

Primarily for application in many modern 9 and 10 speed automatic transmissions that require a ULV ATF. Initially for Ford 10-speed 10R60/ 10R80-MHT/ 10R80/ 10R140 specifications, as well as GM 10-speed 10L80 MF6/ 10L90 MGL/ 10L100 MGU specifications.

Recommend to be used in certain range of 8-speed transmissions, including 8F24/ 8F35/ 8F57.

Strictly not for application when a MERCON LV, MERCON V, MERCON SP, MERCON SP, Type F fluid is required due to its unique ultra-low-viscosity formulation.

This fluid is strictly not for application in any CVT and dual-clutch transmission (DCT) system.

Typical properties

Fluid Colour		Red
Viscosity Index (VI)	ASTM D2270	148
Viscosity at 100 °C; mm ² /s	ASTM D445	4.6
Viscosity at 40 °C; mm ² /s	ASTM D445	19.5
Density at 15 °C; kg/m ³	ASTM D4052	846.0
Foam Test	ASTM D892	Pass
Flash Point; °C, open cup	ASTM D92	195
Pour Point; °C	ASTM D97	-51

Service recommendation

ATF 10 MERCON ULV with ultra-low-viscosity properties is not backward compatible nor interchangeable with previous higher viscosity transmission fluids of Ford, GM and ZF.

Observe the vehicle warranty and owner's manual for the requirement of gear fluid. Follow the operating instructions from manufacturer. Drain and replace with new fluid according to the recommendation. Always check on fluid fill level whenever and during regular service interval.

Commercially available product compatibility

ATF 10 MERCON ULV is compatible with fully synthetic and synthetic 'ULV' specified automatic gear fluids. However, peak performance is guaranteed only upon using alone without mixing with other fluid.

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.