



PRODUCT INFORMATION & DATA SHEET

ATF 10 MERCON ULV

Latest generation ultra-low-viscosity ATF.

High viscosity index (VI) 100% synthetic automatic transmission fluid, designed with state-of-the-art additive technology, including the most advanced anti-shudder and anti-wear agents, particularly developed for long service life in very demanding 9 and 10 speed automatic transmissions requiring a MERCON ULV fluid. This new generation fluid features improved shear stability to minimize viscosity losses over the fluid's life and enhanced fluidity, providing exceptional shifting characteristic and fuel economy under the broadest range of operating conditions and surrounding temperatures. The additive systems work capably and effectively on shudder and wear protection, and inhibit the buildup of foam, corrosion, gum, and sludge. It has been tested for fine seal compatibility performance.

Performance levels

Ford MERCON ULV/ XT-12-QULV/ WSS-M2C949-A
GM DEXRON ULV/ 19352619

The benefits of using ATF 10

- Advanced ultra-low-viscosity properties with superb friction performance provide fuel saving benefits and boost mechanical operational efficiency.
- Crafted to satisfy the demanding performance needs of modern 9 and 10 speed high-speed automatic transmissions in passenger cars, SUVs and light-duty trucks.
- Offers excellent anti-shudder benefits and advanced low-temperature properties, ensuring seamless gear shifting even in harsh winter conditions.
- Improved resistance to oxidation and thermal degradation promotes a prolonged fluid life while combating foam, rust, corrosion, gum, varnish, and sludge.
- Optimized EP and shear-stable technologies provide heightened protection against component damage, sustaining effectiveness despite the presence of a thin lubrication layer.

Areas of application

Initially for the latest generation of 9 and 10 speed gear configurations in passenger cars, SUVs and light-duty trucks requiring an ultra-low-viscosity (ULV) specified ATF. Primarily for Ford 10R60/ 10R80/ 10R140, and GM 10L80/ 10L90/ 10L100 specifications.

This fluid can be used in a number of Ford 8 speed gear configurations in line with the 8F24/ 8F35/ 8F57 specifications. However, this fluid is not recommended for application in all 8 speed automatic transmission systems. Observe workshop manual and manufacturer's recommendation.

Typical properties

Fluid Colour		Red
Viscosity Index (VI)	ASTM D2270	150
Viscosity at 100 °C; mm ² /s	ASTM D445	4.5
Viscosity at 40 °C; mm ² /s	ASTM D445	19.7
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	-48

Service recommendation

This ATF with ultra-low-viscosity properties is not backward compatible nor interchangeable with previous Ford and GM ATF specifications. This fluid should not be used in any CVT and DCT gear systems unless recommended by the manufacturer.

We recommend to drain and replace with new fluid according to the manufacturer's operating instructions. Observe owner's manual. Always check on fluid fill level whenever and during regular service interval.

Commercially available product compatibility

Compatible with all 100% synthetic and synthetic 'ULV' ATFs. However, peak performance is guaranteed only when used alone, without mixing with others.

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.

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