



TRIAX ULV ATF

Full-Synthetic ATF for Advanced 8-, 9-, and 10-Speed Transmissions

Rev: 2026-05-19

DESCRIPTION

TRIAX ULV ATF is a premium, ultra-low-viscosity, full-synthetic automatic transmission fluid engineered for the latest generation of high-efficiency transmissions requiring MERCON® ULV and DEXRON® ULV specifications. Formulated with advanced synthetic base oils and a high-performance additive system — including TRIAX SURE SHIFT™ friction-optimization technology — it delivers superior thermal stability, friction durability, and wear protection. Designed for 10-speed and other modern multi-speed transmissions, it ensures optimal shift quality, enhanced fuel efficiency, and long fluid life. Fully compatible with Ford 10R60/10R80/10R140, GM 10L80/10L90, and other OEM ULV systems. NOT backward compatible with earlier-generation ATF specifications.

PERFORMANCE HIGHLIGHTS

- **SURE SHIFT™ Technology** — proprietary ATF friction-optimization additive system delivers smooth, consistent shift quality, precise clutch slip control, and elimination of clutch sticking across the full service life
- Superior shift quality — smooth, consistent shifting with no shudder, vibration, hesitation, or hard shifts, even under severe operating conditions
- **Enhanced wear protection:** extends transmission life by reducing clutch, gear, and bearing wear under high load and high torque
- **Outstanding thermal stability** resists fluid breakdown in extreme high-temperature environments; full-synthetic formula performs in both cold-start and high-heat conditions
- Extended drain capability — supports long service intervals up to 150,000 miles in sealed transmissions per OEM requirements
- Full OEM-specific compatibility — meets or exceeds MERCON® ULV and DEXRON® ULV standards
- Foam and oxidation resistant — maintains fluid integrity, protecting valve bodies and clutches from deposit formation and aeration
- NOT backward compatible — use only where ULV (ultra-low-viscosity) fluids are specifically required by the OEM

USE ONLY WHERE ULV ATF IS SPECIFIED. This product is NOT backward compatible with earlier-generation ATF specifications (MERCON LV/V, DEXRON VI, etc.). Drain interval represents the lubricant's capability under normal duty in a mechanically sound transmission. Always consult the vehicle owner's manual.

SPECIFICATIONS & APPLICATIONS

TRIAX ULV ATF is suitable for all applications requiring MERCON® ULV or DEXRON® ULV — including Ford 10R60/10R80/10R140 and GM 10L80/10L90 ten-speed transmissions, plus European 8-speed and 9-speed automatics from BMW, Mini, VW, Volvo, Mercedes-Benz, PSA/Citroën, and Nissan/JATCO.

Meets or exceeds the following industry and OEM specifications:

- Ford® 10R60, 10R80, 10R140
- Ford MERCON® ULV — WSS-M2C949-A
- GM DEXRON® ULV — 10L80, 10L90
- Mercedes-Benz MB 236.17
- BMW 83-22-2-413-477 (ATF 7) / BMW-Mini GA8F22AW, GA8G45AW
- VW G 053 001 A2 (VW 09S AQ300-8F), VW G 060 540
- Volvo 31492172 (AWF8G45), 31492173 (AWF8G55)
- PSA 16 350 560 80 (AMN8/ATN8/AXN8), Citroën EAT8
- Nissan Matic P / JATCO 9-Speed; ATF AW-2; Mini Cooper CVT

▶ For Full Specs & Applications List See [Page 2](#)

TYPICAL PROPERTIES

Parameter	TRIAX ULV ATF	Test Method
Viscosity, Kinematic @ 40 °C, cSt	19.88	ASTM D445
Viscosity, Kinematic @ 100 °C, cSt	4.62	ASTM D445
Viscosity Index	157	ASTM D2270
Brookfield Viscosity @ -40 °C, cP	6,194	ASTM D8210
Pour Point, °C (°F)	-60 (-76)	ASTM D97
Specific Gravity @ 60 °F	0.831	ASTM D4052

Small deviations from these results are expected during the manufacturing process and do not affect product performance, and product formulations are subject to change without notice.

VEHICLE APPLICATION LIST

TRIAx ULV ATF is suitable for any vehicle requiring DEXRON® ULV or MERCON® ULV — passenger cars, SUVs, and trucks. Representative applications below; list is not exhaustive. Always confirm the OEM fluid specification for your vehicle.

General Motors (10L80 / 10L90 — DEXRON® ULV)

Cadillac Escalade: 2021+ (10L80)
Cadillac CT6: 3.0TT / 4.2TT, 2019+ (10L80)
Chevrolet Silverado 1500: 2019+ (10L80)
Chevrolet Camaro SS / ZL1: 2017+ (10L80 / 10L90)
Chevrolet Tahoe / Suburban: 2021+ (10-speed — check trim)
GMC Sierra 1500: 2019+ (10L80)
GMC Yukon / Yukon XL: 10-speed applications

Ford / Lincoln (10R60 / 10R80 / 10R140 — MERCON® ULV)

Ford F-150: 2017+ (all EcoBoost, 5.0L, 3.5L PowerBoost hybrid)
Ford Explorer: 2020+ (2.3L EcoBoost; 3.0L ST & hybrid trims)
Ford Mustang: 2018+ (2.3L EcoBoost, 5.0L GT)
Ford Ranger: 2019+ (US version)
Ford Bronco: 2021+ (2.3L and 2.7L)
Ford Expedition: 2020+
Lincoln Aviator: 2020+ (base trims, 2.3L EcoBoost)
Lincoln Navigator: 2021+

European 8-Speed & 9-Speed Automatics

BMW / Mini: ATF 7 (GA8G45AW 8-speed AT), GA8F22AW — P/N 83-22-2-413-477
VW / Audi: G 053 001 A2 (09S AQ300-8F 8-speed AT), G 060 540
Volvo: 31492172 (AWF8G45 8-speed AT), 31492173 (AWF8G55 8-speed AT)
Mercedes-Benz: MB 236.17
PSA / Citroën: 16 350 560 80 (AMN8/ATN8/AXN8 8-speed AT), Citroën EAT8
Mini Cooper: CVT applications

Nissan / Infiniti & Other

Nissan / Infiniti: Vehicles requiring Nissan Matic P or JATCO 9-Speed fluid
Other: ATF AW-2 applications; any vehicle requiring DEXRON® ULV or MERCON® ULV