

PRODUCT INFORMATION

ECOSE[®] HV SYNTHETIC MULTI-VEHICLE ATF

Designed for high viscosity applications and older vehicles

ECOSE[®] HV Synthetic Multi-Vehicle ATF is an advanced automatic transmission fluid formulated with synthetic lubricants that provide inherent thermal and viscosity advantages over conventional mineral oil based transmission fluids. ECOSE[®] HV Synthetic Multi-Vehicle ATF is truly multi-vehicle capable and formulated to surpass the rigorous demands required for today’s modern high horsepower, heavy pulling cars, trucks, and SUVs. It is recommended for Ford Motor Company specifications MERCON[®] and MERCON[®] V. It is also recommended for General Motors Specification DEXRON[®] III and Chrysler’s ATF +4[®]. This lubricant provides a high level of oxidation and shear stability, resulting in cleaner transmissions and more reliable operation.

ECOSE[®] HV Synthetic Multi-Vehicle ATF is uniquely designed to offer exceptional oxidation resistance, low temperature properties, negligible sludge and varnish deposits while providing excellent cold-start shifting.

APPLICATIONS: ECOSE[®] HV Synthetic Multi-Vehicle ATF is designed to meet the service fill needs of *higher* viscosity ATFs used in slightly older transmissions calling for GM DEXRON[®] IIIH and earlier, Ford MERCON[®] and MERCON[®] V ATF and Aisin Warner JWS 3309 (Toyota Type IV) applications.

***Suitable for use where the following specifications are listed:**

- GM DEXRON[®] III G and H
- Chrysler ATF +4[®]
- Honda ATF-Z1 (except in CVTs)
- JASO 1A
- Allison C-3 and C-4
- MERCON[®] and MERCON[®] V
- Toyota T-III and T-IV
- Mitsubishi/Kia/Hyundai
- NissanMatic – D, J, K
- Others-see approvals/”suitable for use”

Typical Properties

Product Code		530025
	Test Method	
Viscosity, cSt @ 40°C	ASTM D-445	35.8
Viscosity, cSt @ 100°C	ASTM D-445	7.3
Viscosity Index	ASTM D-2270	188
Brookfield Viscosity @ -40°C, cP	ASTM D-2983	9,500
Pour Point, °F	ASTM D-5949	-63°F
Flash Point, °F	ASTM D-92	365°F
Rust Test	ASTM D-665A	Pass
Copper Strip Test, 3 hrs, 150°C	ASTM D-130	1b
Shear Stability, viscosity @ 100°C, after 40 passes, cSt	ASTM D-5275	6.8
Color	ASTM D-1500	Red

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture. Always consult vehicle owner’s manual for proper fluid type and viscosity.

Availability:

ECOSE® HV Synthetic Multi-Vehicle ATF is available throughout Nu-Tier Brand's marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @1-877-771-LUBE (5823) or visit Nu-Tierbrands.com.

ECOSE® HV Synthetic Multi-Vehicle ATF is suitable for use where the following specifications are required:

Aisin Warner JWS 3309	Ford MERCON®	MB236.2	Scion (all vehicles)
Allison C-3, C-4	Ford FNR5	MB236.3 (PSF)	Shell 3403
Allison TES 295**	Ford MERCON® V	MB 236.1	Shell LA2634
Allison TES 389	GM TASA	MB 236.10	Shell M 115
AS 68 RC (T IV)	Honda ATF Z1	MB 236.12*	Subaru ATF, ATF HP
Audi G 052 990	Honda Premium	MB 236.5	Suzuki ATF 3309
Audi G 052 162	Hyundai NWS-9638, SP-II, SP-III, JWS 3314, 3317	MB 236.6	Toyota T-III
Audi G 055 025	Idemitsu K17	MB 236.7	Toyota T-IV
BMW 5 HP24	Jaguar ZF 5HP24		Voith 55.6335
BMW 5HP30	Jaguar LT1141	MB 236.9	Voith 55.6336.32 (G1363)
BMW 7045E	Jaguar JLM20238	MB 236.41	Voith Turbo
BMW LA2634	Jaguar ATF 3403-M115	Mitsubishi Diamond SP-II	VW TL521 62
BMW LT71141	JASO 1A-02	Mitsubishi Diamond SP-III	VW G 055-025
BMW ZF 5HP18FL	JASO 2A-02	Mitsubishi Diaqueen J2	VW G 052-162
Caterpillar TO-2	JWS 3309	NAG 1 (Jeep Cherokee)	ZF Ecomat
Chrysler ATF +3®	KIA Red-1	NAG 1 (Chrysler)	ZF TE-ML 02F
Chrysler ATF +4®		Nissan Matic-D	ZF TE-ML 03D
DEXRON®	KIA SP-II	Nissan Matic-J	ZF TE-ML 04D
DEXRON®-III	KIA SP-III	Nissan Matic K	ZF TE-ML 09
DEXRON®-IIIG	KIA SP-IV*	Peugeot ZF 4HP20	ZF TE-ML 11A
DEXRON®-IIIH	MAN 339 Type Z-1 & V-1	Porsche ZF 5HP19F	ZF TE-ML 14A
Esso LT 71141	MAN339 Type Z-2 & V-2	Porsche ATF3403-115	ZF TE-ML 14B
Fiat (All vehicles), Type T IV	MAN 339F	Porsche T-IV	ZF TE-ML 14C
Ford M2C138CJ	Mazda ATF-III, F-1	SAAB T IV (JWS 3309)	ZF TE-ML 16L
Ford M2C166H	Mazda M-V	Saturn T IV (JWS 3309)	ZF TE-ML 17C

****Suitable for use for half drain interval.**

Note: Always consult vehicle owner's manual and/or dipstick for proper fluid type and recommended drain interval.

- 1. ECOSE® HV Synthetic Multi-Vehicle ATF is backward compatible and can replace DEXRON® III type fluids in older GM automatic transmissions.**
Note: Not for use with Ford Type F applications or any DCT (Dual Clutch Transmission) or CVT (Continuously Variable Transmission).
- 2. *Some of these specifications are for low viscosity applications. ECOSE® HV Synthetic Multi-Vehicle ATF can be used in these applications outside of warranty without causing harm to the transmission; however, the viscosity profile may not meet the specification requirements and may be subject to regulation in some countries and states in the U.S. such as California.**
- 3. If you need additional assistance with identification of which specifications you should claim, please contact Nu-Tier Brands Technical Support at 918-550-8026 Ext. 504 for more information.**
- 4. In the event a part number or application listed above is specified for a CVT or a DCT, do not use this fluid. The exclusion of CVT and DCT transmissions supersedes the specific listing above.**