



Product Data Sheet

ECOSE® HV Synthetic Multi-Vehicle ATF

High Viscosity Applications and Older Vehicles

Advanced automatic transmission fluid formulated with synthetic lubricants that provide inherent thermal and viscosity advantages over conventional mineral oil-based transmission fluids. It is truly a multi-vehicle fluid formulated to surpass the rigorous demands required for today's modern high horsepower, heavy pulling cars, trucks, and SUVs.

Features and Benefits

- Negligible sludge and varnish deposits
- High level of oxidation and shear stability
- Excellent friction durability and anti-shudder performance
- Superior low temperature performance provides excellent cold start shifting

Applications

- 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
- Nissan Matic – D, J, K
- See table on page 2 for additional applications

Typical Properties

Product Code	Test Method	530025
Viscosity, cSt @ 40°C	ASTM D-445	35.5
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, °C	ASTM D-5949	-53
Flash Point, °F	ASTM D-92	365
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.



877-771-5823



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Applications Where the Following Specs are Required

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

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. Not for use with Ford type F applications.
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. 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
4. If you need additional assistance with identification of which specifications you should claim, please contact Nu-Tier Brands Technical Support at (877)-771-5823 for more information.

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