PRODUCT INFORMATION SHEET

CITGO® TRANSGARD® Synthetic Multi-Vehicle High-Viscosity ATF

CITGO LUBRICANTS

OVERVIEW

- Full synthetic, premium quality, multi-vehicle, low viscosity, automatic transmission fluid designed for use in a broad range of current and earlier automatic transmissions.
- Approved for use in JASO M315-2013 1A.

FEATURES & BENEFITS

- Advanced additive and synthetic technologies developed to extend the transmission life by helping to lubricate, cool, clean, and protect transmissions especially under extreme driving conditions.
- Suitable for use in new and high-mileage transmissions for a broad range of transmission applications to enable inventory optimization.
- Compatible with a wide range of seal materials to help prevent transmission leaks.
- Balanced high performance additives for smooth gear shifting, anti-shudder durability, enhanced oxidation resistance and thermal stability, excellent sludge and varnish control, shear stability, rust and corrosion resistance, and anti-wear protection.
- Outstanding protection and performance at high and low temperatures.

APPLICATIONS

OEM	Application
Aisin Warner	JWS 3309, Type T-IV
Allison	C-2 / 3 / 4, TES-389
BMW	ATF 4, ETL-7045 / 7045E / 8072B, LA 2634, LT 71141, P/N 81 22 9 400 272/275, 81 22 9 407 858/859, 83 22 0 024 249, 83 22 0 024 359, 83 22 0 026 922, 83 22 0 402 413, 83 22 0 403 248/249, 83 22 2 220 438/440, 83 22 2 220 442, 83 22 7 542 290, 83 22 9 407 765, 83 22 9 407 807
FCA	ASRC, ATF+ / +2 / +3 / +4, Fiat 9.55550-AV1 / 9.55550-AV4, MB 236.10/12, P/N 68333587AA, SP-III, Type 7176E, Type 9602
Ford	ESP-M2C138-CJ, ESP-M2C166-H, MERCON®, MERCON®Syn, MERCON®V, MERCON®V Syn, Motorcraft®Premium, Motorcraft®FNR5, P/N XT-2-QDX, XT-2-QSM, XT-5-QM,XT-5-QSM, XT-8-QAW, XT-9-QMM5, WSS-M2C922-A1
GM	ATF Z1, DEXRON™-II, DEXRON™-B, DEXRON™-IIC, DEXRON™-IID, DEXRON™-IIE, DEXRON™-IIIF, DEXRON™-IIIG, DEXRON™-IIIH, P/N 22717466, 1940700, 1940767, 1940771, 21005966, 88900925, GM 9985010 / 9986195, Saturn T-IV Fluid, Type A Suffix A.
Honda/Acura	ATF Z1, P/N 08200-9001 / -9001A
Hyundai/Kia	ATF RED-1K, Genuine ATF, JWS 3314, P/N 00232-19023, 04500-00140, UM040CH020 Red-1
Land Rover	ATF N402, JWS 3309US, STC 4863
Mazda	ATF F-1 / M-III / M-V / N-1 / S-1, JWS 3309 / 3317
Mercedes	A0019892203, ATF 3403-M115, Sheet 236.1 / 236.10/ 236.11 / 236.2 / 236.5 / 236.8
Nissan	Fluid A, Matic-D / -J / -K, N402
Subaru	ATF HP, P/N K0140Y0700 / SOA635040
Toyota	ATF D-II, JWS 3309, Type T / T-II / T-III / T-IV, P/N 08886-81015
Volvo	P/N 1161521, 1161540, 1161621, 1161640
VW/Audi	G 052 162 (-A1, -A2), G 052 990 A2, G 055 025 A2, G US 000 162, LT 71141
ZF	LifeguardFluid 5, TE-ML 05L, TE-ML 11A, TE-ML 11B, TE-ML 21L

Refer to equipment owner's manual for proper lubricant recommendation.

*California law prohibits manufacturers of multi-vehicle ATF from recommending products in certain applications where the viscometrics do not match those of the official OEM specification. As such, CITGO does not recommend the use of TRANSGARD Multi-Vehicle High – Viscosity ATF in these applications in California.

Do not use CITGO® TRANSGARD® Synthetic Multi-Vehicle ATFs in vehicles calling for Type F, CVT, and DCT.

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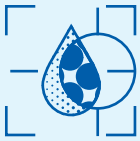
C 10168

PROPERTIES



Typical Properties for CITGO TRANSGARD Synthetic Multi-Vehicle High-Viscosity ATF:

Material Code	**633131001**
Viscosity, ASTM D445	
cSt at 40°C	36.0
cSt at 100°C	6.7
Viscosity Index, ASTM D2270	145
Specific Gravity @ 60°F	0.85
Pour Point ASTM D97, °F (°C)	-51
Flash Point, ASTM D92, COC, °C	240
Brookfield Viscosity, ASTM D2983, -40°C, cP	16,440
Appearance	Red

Vehicle owners and operators should follow their vehicle manufacturer's manual for proper lubricant recommendation.

OEMs have not evaluated nor approved this product in the applications where suitable for use has been identified.