

Glass Multi-Vehicle Synthetic ATF

Product Data Sheet



Glass Multi-Vehicle Synthetic ATF is formulated from premium synthetic base stocks with an advanced additive system designed for the requirements of virtually all automatic transmissions manufactured for both foreign and domestic vehicles. It may also be used in power steering units and hydraulic systems.

Features/Benefits

Glass Multi-Vehicle Synthetic ATF allows for consolidation to a single product to replace multiple ATF formulas and eliminate the need for ATF supplements.

- Meets or exceeds the highest quality standards in the industry.
- Insures a high-performance, smooth driving experience.
- Provides excellent thermal stability and all temperature protection.
- Provides enhanced anti-wear protection.
- Demonstrates excellent compatibility with seal materials to prevent transmission leaks.
- Enhanced anti-wear and oxidation properties, thermal stability and corrosion resistance to maintain year-round protection of transmission components.
- Carefully balanced friction modifiers that protect against shudder and provide smooth lockup.
- Demonstrates excellent retention of friction modifiers for long life performance.

Typical Properties

Multi-Vehicle Synthetic ATF	
Properties	Typical Results
API Gravity	32
Appearance	Red
Flash Point, COC° F	400
Pour Point, °F	-49
Viscosity D445	
cSt @ 40°C	34.3
cSt @ 100°C	7.1
VI	178
Brookfield Viscosity @ -40°C	13,000

Applications

Glass Multi-Vehicle Synthetic ATF may be used in passenger car automatic transmissions, trucks and buses, off-highway construction/mining equipment, agricultural equipment, mobile hydraulic systems, industrial machinery, and power steering systems requiring the following specifications

Applications

<p>AE (LT71141 – ZF 5 Speed) Alfa Romeo (all vehicles) Aisin Warner AW-1, JWS 3309, JWS 3324, M315 A-1, T IV Allison C-3, C-4 Allison TES 295 Allison TES 389 American Motors ATF +3 (SM7176-E, ATF+4 (MS9602) AS 68 RC (T IV) ATF Type A Suffix A Audi/VW G 052 025-A2 Audi/VW G-052-162-A1, G-060-162 A2 Audi 5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A) Audi 5 HP LT 71141 (G-052-162-A1, A2) Audi 5 HP (ZF 5 HP 30) Audi/VW G-055-025-A2 (JWS 3309) Audi/VW G-052-990-A2, 055-005A2, 055-162, A2, 055-540, A2 BMW ETL-7045, 7045E (83 22 0 026 922) BMW 7045E (3 series) BMW LA2634 BMW 5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A) BMW 5 HP LT 71141 (83 22 9 407 807) BMW 5 HP (ZF 5 HP 30) BMW ETL-8072B (83 22 0 024 359) BMW MINI 83 22 0 402 413 9 (JWS 3309) BMW 5 Series (Texaco ETL-8072B) BMW 83-22-0-142516, 397114, 403249 BMW 83-22-2-152426, 163514 BMW 83-22-9-400272, 400275, 407765, 407858, 407 859 Caterpillar Power Shift TO-2 Chrysler/Eagle ATF +3 (MS 7176-E)/+4 (MS 9602) Chrysler Dodge MOPAR AS 68 RC (T IV) Daewoo LT 71141 Daihatsu Alumix Multi Daimler NAG-1 DSIH 6p805 Esso LT 71141 Fiat (All vehicles), TYPE T IV Ford/Mazda V (XT-9-QMM5, FNR 5) Ford MERCON® (XT-2-QDR, XT-2-QSM SYN), ESR-M2C-163-A2 Ford MERCON® V Ford MERCON® LV Ford MERCON® SP Ford WSS M2C 922 A1, 924-A (XT-8-QAW) (JWS 3309) GM DEXRON®, DEXRON® II, IID, IIE, III, III F/G/H GM DEXRON® VI GM T IV GM Type A GM 88900925, GM9986195 (Aisin AW, JWS 3309) Honda/Acura ATF Z1, DW-1, Premium Honda Z-1 Hyundai NWS-9638, SP-II, SP-III, SP-IV, Apollo Red 1K, JWS 3314 Idemitsu K17, Jatco 3100 PL085, ATF Red 1 Isuzu Besco ATF II, ATF III, Genuine ATF Jaguar ATF 3403 M115, LT 71141, jlm 20238, 8342 JASO 1A, 1A-LV JASO 2A-02 JATCO FWD in Nissan, Rover 800, VW Polo (Texaco N402) JATCO – Jaguar X Type 2001-2005 (Idemitsu K-17) JATCO 3100 PL085</p>	<p>JEEP ATF+3, ATF+4 JWS 3309 (Aisin Warner) JWS 3309 (T-IV) JWS 3324 (WS) Kia ATF Red 1, SP-II, SP-III, SP-IV, Apollo Red 1K Land Rover LT 71141 MAN 339F, V1, V2, Z1, Z2, Z3 Mazda ATF-M III Mazda ATF – MV Mazda FZ Mercedes Benz 223.1, 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.8, 236.9, 236.8, 236.10, 236.11, 236.12 (NAG 1/2), 236.14 (Sprinter), 236.15, 236.41, 236.81 MB ZF 4 HP20 MB 5 Speed 1996-2006 (Shell 3403) MB 722.3, 722.4, 722.5, 722.6, 722.9 Mini Cooper 83 22 0 402 413 9 (JWS 3309, T IV) Mitsubishi Diamond SP-II, SP-III, SP-IV, J2, Dia , ATF PA Nissan/Infinity Matic D/J/K/S/W 402 NAG 1 (Jeep Cherokee), NAG 2 (Chrysler) Opel (All vehicles) Peugeot ZF 4 HP20, AL-4 (PSA) Porsche ATF 3403-M115, LT 71141, T IV (JWS 3309) Queen J2, J3 Renault DP-0 Renk Doromat SAAB T IV (JWS 3309), 93 165 146, 93 165 147 Saab AW-1 (93 165 147), 93 160 393, Aporoil Saturn T IV (JWS 3309), 22689186 Scion (all vehicles) Shell M 115, L12108 Shell 3403, 3353, LA 2634, M-1375.4,.5, .6, M-12108, ATF-134 SP-II SP-III Subaru ATF, ATF HP, K0140Y0700, SOA868V9241 Suzuki ATF 3309, 3314, 3317 Texaco ETL-7045E Texaco ETL-8072B, N402 Toyota T-II/T-III/T-IV, D-2 Toyota WS Voith G607 G13636 (55.6336.XX) Voith Turbo H55.6335.3X Volvo 97340, 97341, T IV (JWS 3309), Pass. Car Volvo 1161521, 1161540, 1161640, 1161621, 31256774, 31256675 VW 5 HP LT 71141 (ZF 5 HP 18FL, 19FL, 24A) VW 5 HP LT 71141 (VW G-052-162-A1, A2) VW 5 HP (ZF 5 HP 30) VW TL 521 62 VW TL52162, 52533 ZF 3 and 4 speed transmissions ZF S671 090 255 (6-Speed) ZF TE ML 02F, 03D, 04D, 05L, 14A, 14B, 14C, 16L, 16M, 17C, 21L ZF TE-ML-09, 20B, 20C ZF TE-ML 11A and 11B</p> <p><u>NOT RECOMMENDED FOR USE</u> Ford Type F / G <u>DCTs</u> <u>CVTs</u></p>
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*It is **not suitable** in vehicles where Type F fluids are specified or vehicles equipped with continuous variable transmissions (CVT) or (DCT).

The information contained in this chart is based on available information and is accurate to the best of our knowledge. As always, you should consult your owner's guide to verify the proper fluid recommendation for your particular vehicle. Hubert Glass Oil Co. is not responsible for any errors, omissions or typographical errors.

Special Handling, notices or warnings

The same care in handling should be taken as with any transmission fluid.

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