

SYNTHETIC Multi-Vehicle AUTOMATIC TRANSMISSION FLUID

Typical Properties

Appearance	Red, dyed
Viscosity, cSt	
At 40°C	29.3
At 100°C	5.9
Viscosity Index	151
Brookfield Viscosity, cP@-40C	10,800
Flash Point, (COC °F(°C)	430(221)
Pour Point, °F(°C)	-50(-46)
Gravity, API°	34.2
Specific Gravity, 60°/60°F	0.8540
Density, lbs/Gal	7.11

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Synthetic Multi-Vehicle ATF is manufactured from synthetic base stocks with additive technology that offers reliable multi-vehicle performance. The product provides the frictional properties, wear protection, and fluid characteristics required by most North American, Asian, and European automatic transmissions. It is formulated to sustain the demands of extreme operating conditions and retain both high temperature fluid durability and low temperature fluidity. The product's multi-vehicle performance offers savings through inventory consolidation.

APPLICATIONS*

The product is a multi-vehicle automatic transmission fluid with supporting data to demonstrate acceptable performance in most modern North American automatic transmission applications. It can also be used in many Toyota/Lexus, Nissan/Infiniti, and Honda/Acura transmissions, as well as transmissions in many Mazda, Mercedes, Porsche, Mitsubishi, Land Rover, Kia, Hyundai, Isuzu, Jaguar, BMW, Mini, Saab, Volvo, Subaru, VW/Audi cars and light trucks. Always consult your owner's manual where specific transmission fluids are required.

- * Do NOT use in CVT fluid applications, Dual-Clutch Automatic Transmissions, Ford Type F Fluid applications, or Honda power steering fluid systems.
- * Applicability of a multi-vehicle automatic transmission fluid should be checked with the owner's manual for specific vehicle suitability.
- * California law prohibits all manufacturers of multi-vehicle ATF from recommending products in certain applications where the viscometrics (i.e. viscosity, brookfield) do not match those of the official OEM specification. Therefore, this product is not recommended for use or sale in the State of California.

SUPPORTING DATA TO DEMONSTRATE ACCEPTABLE PERFORMANCE FOR

Acura ATF-Z1	Land Rover LR023288, TYK500050, LR0022460
Aisin Warner JWS 3309 (T-IV), JWS 3324 (WS), AW-1	Lexus JWS 3309
Allison C-3, C-4	MAN 339A, Type D, Type F, Z1, Z2, V1, V2
American Motors ATF +3 (MS7176-E)	Maserati 231603
ATF RED1, RED 1K	Mazda ATF D-II, ATF M-III, ATF M-V, ATF A7
Audi 5 HP LT71141 (ZF 5HP 18FL/19FL/24A)	Mazda ATF FZ, ATF F-1, ATF S-1
Audi/VW G 052 025-A2, G 053 025-A2	Mercedes Benz ZF 4HP20, 236.1, 236.2, 236.3, 236.5
Audi/VW G 052 162-A1/A2, G 055 025 A2, (JWS 3309)	Mercedes Benz 236.6, 236.7, 236.8, 236.9
Audi/VW G 052 990, G 055 540 (A2), G 052 055	Mercedes Benz 236.10, 236.11, 236.12, 236.41
Audi/VW G 052-162 (ZF lifeguard fluid 5), (ZF No. S671 090 170)	Mini Cooper T-IV
Audi/VW G 055 055-A, G 055 162-A2	Mitsubishi Diaqueen AW, J2, J3, ATF-MA1 ATF PA
Audi/VW-A,-A2(ZF Lifeguardfluid 6) (ZF No. S671 090 255)	Mitsubishi Diaqueen SK, SP-II, SP-III, SP-IV
Audi/VW-A6 (ZF Lifeguardfluid 6 Plus) (ZF No. S671 090 281)	NAG 1 (Chrysler, Jeep, Cherokee)
Audi/VW G 060 162 (ZF Lifeguardfluid 8), (ZF No. S671 090 312)	Nissan Matic Fluid C, D, J, K, S
Bentley PY112995PA	Opel/GM 19 40 700, 19 40 767
BMW JWS 3309 (T-IV), LA2634, , BMW MINI	Opel/GM 21005966 Transaxle, 22 17466
BMW LT71141 (ZF 5HP 18FL/19FL/24A)	Opel/GM 88900925, 9986195
BMW ZF 5HP18FL, 5HP24, 5HP30, 7045E, ETL 8072B	Peugeot ZF 4HP20
Bosch TE-ML 09	Peugeot/Citreon (PSA) AL4 Automatic Gearbox oil (#9730AE)
BYD Dedicated Hybrid Transmission DHT	Peugeot/Citreon Z 000169756
CAT TO-2	Porsche 000 043 205 09, 999 917 547 00 (A2)
Chrysler ATF+, +2, +3 (MS 7176E), +4, Mopar AW-1	Porsche 000 043 205 28, Z 000169756
Chrysler/Dodge MOPAR AS 68 RC and AS 69 RC (T-IV), JWS 3309	Porsche ATF 3403-M115
Chrysler/Dodge/Jeep 05127382AA, 68043742AA	Porsche T-IV (JWS 3309)
Chrysler/Dodge/Jeep 68157995AA, 68171866AA	Porsche ZF 5HP19FL, ZF 5HP20, LT71141
Chrysler/Dodge/Jeep 68157995AB, 68218925AA, 68218925AB	Renault DPO/AL4, Matic D2, Samsung SATF-D
Daewoo LT 71141	Saab T-IV (JWS 3309), 93 165 147, 93 160 393
Daihatsu AMMIX ATF D-II, AMMIX ATF D-III SP	Saturn T-IV (JWS 3309)
Esso LT 71141	Scion (all vehicles)
FIAT T-IV type, JWS 3309	

*This product does not carry a license by any OEM but has good data to support performance in the listed specifications.

C:4120B.SynMVATF/241002

Ford ESP-M2C166H, XL-12	Shell 3403, M115, LA2634, L 12108
Ford FNR5 (Mazda M5, XT-9-QMM5)	Shell M-1375.4, 3353
Ford MERC LV (FF-WSS-M2C-938A/SF, XT-10 QLV)	Ssang yong DSIH 5M-66
Ford MERC, MERC SP, MERC V	Subaru ATF, KO140Y0700, ATF 5AT
Ford WSS M2C 138CJ, 166H	Subaru DEX -II, ATF, ATF HP
Ford WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309	Suzuki ATF 2384K, JWS 3309, ATF 3314, ATF 3317
Ford/Lincoln/Mercury XT-2-QDX (M), XT-2QSM (Syn)	Suzuki ATF AW-1, AT OIL 5D06, ATF 2326
Ford/Lincoln/Mercury XT-6-QSP OR -DSP (SP)	Texaco 7045-E, 8072B, N402
Fuso ATF-II, Fuso ATF SPII, Fuso ATF-A4	Toyota ATF D-II, D-III, T-III, T-IV, WS, Hybrid
GM 1940700, 1940767, 21005966, 22717466	Vickers M2950-S, I-286-S
GM 88900925, 9986195, 93160393	Voith 55.6335.xx (G607), 55.6336.xx (G13636)
GM DEX -II, -IID, -IIE, -IIIG, -IIIH, -VI, HP	Voith Svc Bltn #013 and #118
GM TASA	Volvo 97325, 97335, CE 97340, 31492172, 312492173
GM/GMC/Opel/Saturn AW1, VI, 88863400, 88863401	Volvo CE 97342, PN 1161621
GM9986195(Aisin AW, JWS 3309)	Volvo PN 1161521, PN 1161540/1161640
Hino Blue ribbon ATF	Volvo PN 31256774/PN 31256675(includes AW-1)
Honda ATF-Z1 (except in CVT's), ATF Ultra II	VW 5 HP (ZF 5HP 30), (18FL, 30), (19FL, 24A)
Honda DW-1, Type 3.0, Type 3.1:08263-999-01HE (EU)08200-9017 (USA) (ZF LifeguardFluid9)(ZF No. AA01.500.001)	VW G 052 162 (ZF Lifeguardfluid 5), G 053 001 A2, G 060 540 A2, TL 52540-A
Hyundai/Kia 040000C90SG, NUMM040 CH20 Red-1	VW G 055 005-A, -A2 (ZF Lifeguardfluid 6)
Hyundai/Kia Dex-II/SP-II, JWS 3314, NWS 9638	VW G 055 162-A2, -A6 (ZF Lifeguardfluid 6 Plus)
Hyundai/Kia SP-IV (00232-1904/04500-00115)	VW G 060 162 (ZF Lifeguardfluid 8)
Hyundai/Kia SP-IV M (SP4-M), SPH-IV, SP-IV-RR, SP-III	VW G US 000 162
Hyundai/Kia SPH-IV M! (SP4-M1)	VW G-055-025 A2 (JWS 3309), G055 540 (A2)
Idemitsu K17 3100 PL085	VW TL 521 62
ISUZU BESCO ATF-II, ATF-III, ATF SP, SCS Fluid, 08200-9001	ZF 8 speed transmissions
Jaguar ATF 3403 M115, ATF 3403-M115, ATF LT71141	ZF 9 speed transmissions
Jaguar JLM 20292, Fluid 8432, 02JDE26444, WSS-M2C922A1	ZF all 3 & 4 speed transmission
Jaguar ZF 5HP24, JLM20238, ATF 3403 JLM20238, K17	ZF TE-ML 04D, 14A, 14B, 16L, 17C
JASO M315-2013 1A, M315-2013 1A-LV, M315-2013 2A	ZF TE-ML 05L, 09, 11A, 11B, 21L, 02F, 03D
Jeep ATF+3	ZF TE-ML 21L, ZF TE-ML 02F, ZF TE-ML 03D
KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1	

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