

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/Infinity, 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
Aisin Warner AW-2, PSA 16 350 560 80, VW G 053 001	MAN 339A, Type D, Type F, Z1, Z2, V1, V2
Allison C-3, C-4	Maserati 231603
American Motors ATF +3 (MS7176-E)	Mazda ATF D-II, ATF M-III, ATF M-V
AML Oil No. 4G43A9A509/AA/S	Mazda ATF FZ, ATF F-1, ATF S-1
ATF RED1, RED 1K	Mazda ATF N-1, ATF 3317
Audi 5 HP LT71141 (ZF 5HP 18FL/19FL/24A)	Mazda SKYACTIVE-HYBRID
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 -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), NAG 2 (Chrysler)
Audi/VW G 060 162 (ZF Lifeguardfluid 8), (ZF No. S671 090 312)	Nissan Matic Fluid C, D, J, K, P, S, W, Altima Hybrid
Bentley PY112995PA	Opel/GM 19 40 700, 19 40 767
BMW JWS 3309 (T-IV), LA2634, ATF 2, ATF +3, ATF 6, ATF 7	Opel/GM 21005966 Transaxle, 22 17466
BMW LT71141 (ZF 5HP 18FL/19FL/24A), BMW MINI	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 (#9730.AE)
CAT TO-2	Peugeot/Citreon Z 000169756
Chrysler, +2, +3 (MS 7176E), +4, Mopar AW-1	Porsche 000 043 205 09, 999 917 547 00 (A2)
Chrysler/Dodge MOPAR AS 68 RC and AS 69 RC (T-IV), JWS 3309	Porsche 000 043 205 28, Z 000169756
Chrysler/Dodge/Jeep 05127382AA, 68043742AA, 68171869AA	Porsche ATF 3403-M115
Chrysler/Dodge/Jeep 68157995AA, 68171866AA	Porsche T-IV (JWS 3309)
Chrysler/Dodge/Jeep 68157995AB, 68218925AA	Porsche ZF 5HP19FL, ZF 5HP20, LT71141
Chrysler/Dodge/Jeep Borg Warner 68049954AA, Mopar SP IV	PSA B71 2340
Daewoo LT 71141	Renault DPO/AL4, Matic D2, Samsung SATF-D
Daihatsu AMMIX ATF D-II, AMMIX ATF D-III SP	Saab T-IV (JWS 3309), 93 165 147, 93 160 393
Esso LT 71141	

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FIAT T-IV type, JWS 3309, 9.5550-AV5, 9.5550-AV6	Saab Power Steering Fluid 2634, 45 30 09 800, 93160548
Ford ESP-M2C166H, XL-12, ATF C-ML5	Saturn T-IV (JWS 3309)
Ford FNR5 (Mazda M5, XT-9-QMM5)	Scion (all vehicles)
Ford MERC LV (FF-WSS-M2C-938A/SF, XT-10 QLV)	Shell 3403, M115, LA2634, L 12108
Ford MERC, MERC SP, MERC V, WSS M2C 138CJ, 166H	Shell M-1375.4, 3353
Ford Escape Hybrid eCVT	Ssang yong DSIH 5M-66
Ford WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309	Subaru ATF, K0140Y0700, ATF 5AT, DEX -II, ATF, ATF HP
Ford/Lincoln/Mercury XT-2-QDX (M), XT-2QSM (Syn)	Subaru Opel Original ATF 09117946/93160393
Ford/Lincoln/Mercury XT-6-QSP OR -DSP (SP)	Suzuki ATF 2384K, JWS 3309, ATF 3314, ATF 3317
Fuso ATF-II, Fuso ATF SPII, Fuso ATF-A4	Suzuki ATF AW-1, AT OIL 5D06, ATF 2326
GM 1940700, 1940767, 21005966, 22717466	Tesla Model S, Model 3, Model X
GM 88900925, 9986195, 93160393	Texaco 7045-E, 8072B, N402
GM DEX -II, -IID, -IIE, -IIIG, -IIIH, -VI, HP	Toyota ATF D-II, D-III, T-III, T-IV, WS, Hybrid
GM TASA, Transfer Case (AutoTrak II)	Toyota THSII/Toyota Prius, THS 5th Gen./Noah, Voxy etc.
GM/GMC/Opel/Saturn AW1, VI, 88863400, 88863401	Vickers M2950-S, I-286-S
GM9986195(Aisin AW, JWS 3309)	Voith 55.6335.xx (G607), 55.6336.xx (G13636)
Hino Blue ribbon ATF	Voith Svc Bltn #013 and #118
Honda ATF-Z1 (except in CVT's), ATF Ultra II, DW-1	Volvo 97325, 97335, CE 97340
Honda Ultra HEVF-Type 1, Type 3.0, Type 3.1	Volvo CE 97342, PN 1161621
Honda e:HEV, iMMD	Volvo PN 1161521, PN 1161540/1161640
Hyundai/Kia 040000C90SG, NUMM040 CH20 Red-1	Volvo PN 31256774/PN 31256675 (includes AW-1)
Hyundai/Kia Dex-II/SP-II, JWS 3314, NWS 9638	VW 5 HP (ZF 5HP 30), (18FL, 30), (19FL, 24A)
Hyundai/Kia SP-IV (00232-1904/04500-00115)	VW G 052 162 (ZF Lifeguardfluid 5)
Hyundai/Kia SP-IV M (SP4-M), SPH-IV, SP-IV-RR, SP-III	VW G 055 005-A, -A2 (ZF Lifeguardfluid 6)
Idemitsu K17 3100 PL085	VW G 055 162-A2, -A6 (ZF Lifeguardfluid 6 Plus)
ISUZU BESCO ATF-II, ATF-III, ATF SP, SCS Fluid, 08200-9001	VW G 060 162 (ZF Lifeguardfluid 8)
ISUZU ATF WSI	VW G US 000 162, TL 521 62
Jaguar ATF 3403 M115, ATF 3403-M115, ATF LT71141	VW G-055-025 A2 (JWS 3309), G055 540 (A2)
Jaguar JLM 20292, Fluid 8432, 02JDE26444, WSS-M2C922A1	ZF 6 speed transmissions, 8 speed transmissions
Jaguar ZF 5HP24, JLM20238, ATF 3403 JLM20238, K17	ZF 9 speed transmissions, all 3 & 4 speed transmission
JASO M315-2013 1A, M315-2013 1A-LV, M315-2013 2A	Service-fill for 8 and 9 speed step-ATs
Jato JR712E	ZF TE-ML 04D, 14A, 14B, 16L, 17C
Jeep ATF+3	ZF TE-ML 05L, 09, 11A, 11B, 21L, 02F, 03D
KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1	ZF TE-ML 21L, ZF TE-ML 02F, ZF TE-ML 03D

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