

Product Data Sheet



NATIONAL | Multivehicle Automatic Transmission Fluid

Product Description

NATIONAL Multivehicle ATF offers extended friction control protection that lasts over the life of the fluid—long after the anti-shudder protection found in many competitive brands. Made with synthetic base stocks, this high viscosity Multivehicle ATF is inherently more thermally stable when compared with conventional base stocks.

Features

- Improved wear performance and reduced oil consumption
- Provides extended anti-shudder performance for smooth driving
- Excellent oxidation and thermal stability

Applications

NATIONAL Multivehicle ATF is a high-viscosity fluid specially formulated for use in most modern passenger vehicles and heavy-duty applications. Installers can rely on this single fluid to meet a wide array of global OEM requirements conveniently and accurately in North America as the ones listed on the enclosed table ^(a) ^(b).

Technical Data (typical values)

	ASTM	Typical
Product Number	07-001080	
SDS Number	S178	
Viscosity @ 100°C, cSt	D445	6.814
Viscosity @ 40°C, cSt	D445	34.22
Viscosity Index	D2270	163
Specific Gravity 60°F	D4052	0.8459
Pour Point, °C	D5950	-51
Flash Point, °C	D92	205
Brookfield @ -40°C, cP	D2983	18,000
Color	Visual	Red

The recommended shelf life for these oils is typically 48 months from manufacturing date when stored properly in the original sealed containers



Other applications (a)(b)

OEM / ATF	APPLICATION	OEM / ATF	APPLICATION
AISIN	JWS 3309 ATF, ATF-OT4	FCA	Fiat 9.55550-AV4
AISIN	JWS 3324 ATF, ATF-OWS	FCA	MB 236.10/12, P/N 05127382AA
Allison	389, 295	FCA	P/N 68333587AA
Allison	C2, C3, C4	FCA	SP-III
ATF	3100 PL085, 3403-M115	FCA	Type 7176E
ATF	ETL-7045 E, K17, LA 2634	FCA	Type 9602
ATF	N402, SP-III	Ford	ESP-M2C138-CJ
BMW	ATF4	Ford	ESP-M2C166-H
BMW	ETL-7045, ETL-7045 E, ETL-8072B	Ford	P/N XT-2-QDX [M]
BMW	LA 2634, LT 71141	Ford	P/N XT-2-QSM [Syn]
BMW	P/N 81 22 9 400 272/275	Ford	P/N XT-5-QM [V]
BMW	P/N 81 22 9 407 858/859	Ford	P/N XT-5-QSM [V Syn]
BMW	P/N 83 22 0 024 249	Ford	P/N XT-8-QAW [Premium]
BMW	P/N 83 22 0 024 359	Ford	P/N XT-9- QMM5 [FNR5]
BMW	P/N 83 22 0 026 922	Ford	Spec WSS-M2C922-A1
BMW	P/N 83 22 0 402 413	GM	ATF Z1, Saturn P/N 22717466
BMW	P/N 83 22 0 403 248/249	GM	Dex [GM 6032M]
BMW	P/N 83 22 2 220 438/440	GM	Dex-B [GM 6032M]
BMW	P/N 83 22 2 220 442	GM	Dex-IIC [6137M]
BMW	P/N 83 22 7 542 290	GM	Dex-IID [GM 6137M]
BMW	P/N 83 22 9 407 765	GM	Dex-IIE [GM 6137M]
BMW	P/N 83 22 9 407 807	GM	Dex-IIIF [GM 6297M]
Bosch	Bosch TE-ML 09	GM	Dex-IIIC [GM 6417M]
Citroen	Z 000169756	GM	Dex-IIIH [GM N10055]
DAIHATSU	D3-SP	GM	P/N 12378515
FCA	8 & 9 Speed ATF, P/N 68218925AA/AB	GM	P/N 19 40 700
FCA	ASRC	GM	P/N 19 40 767
FCA	ATF+, ATF+2, ATF+3, ATF+4	GM	P/N 21005966
FCA	Fiat 9.55550-AV1	GM	P/N 88900925
		GM	P/N 9985010

The product described above is designed for a specific use and may not be valid for other uses not specified in our specification sheet or in applications not requiring this specific product. Pinnacle Oil believes the information presented in this specification is accurate at the time written and is based upon internally generated information and information as presented by its vendors. No representation, warranty, or guarantee is made as to its accuracy or completeness. We do not accept any liability for any loss or damage that may occur from the use of this information.



Other applications (a)(b)

OEM / ATF	APPLICATION	OEM / ATF	APPLICATION
GM	P/N 9986195	Mazda	M3
GM	Saturn T-IV Fluid, Saturn P/N 22689186	Mazda	Type T-IV, JWS 3309 ATF
GM	Type A Suffix A	Mercedes	A 0019892203
Honda/Acura	ATF Z1, P/N 08200-9001	Mercedes	ATF 3403-M115
Honda/Acura	ATF Z1, P/N 08200-9001A	Mercedes	Sheet 236.1
Hyundai/Kia	ATF RED-1K	Mercedes	Sheet 236.10
Hyundai/Kia	Genuine ATF	Mercedes	Sheet 236.11
Hyundai/Kia	JWS 3314	Mercedes	Sheet 236.2
Hyundai/Kia	P/N 00232-19023	Mercedes	Sheet 236.5
Hyundai/Kia	P/N 04500-00140	Mercedes	Sheet 236.6
Hyundai/Kia	P/N UM040 CH20 Red-1	Mercedes	Sheet 236.7
Hyundai/Kia	SP, SP-II, SP-III	Mercedes	Sheet 236.8
Isuzu	ATF II, ATF III	Mercedes	Sheet 236.9
Isuzu	ATF WSI	Mercedes	Sheet 236.91
Isuzu	Genuine ATF	Mini	ATF JWS 3309, P/N 83 22 0 402 413
Isuzu	P/N 08200-9001	Mitsubishi	ATF-J2
Jaguar	JLM 20238	Mitsubishi	Dia Queen AW
Jaguar	JLM 20292	Mitsubishi	DII/DIII
Jaguar	JLM 21044	Mitsubishi	SP, P/N MS991156
Jaguar	K17, Jatco 3100 PL085	Mitsubishi	SP-II, SP-III
Jaguar	LT 71141	Nissan	Fluid A
Jaguar	WSS-M2C922-A1	Nissan	Matic D
JAMA	JASO M315, Class 1-A	Nissan	Matic J, P/N 999MP-MTJ00P
JAMA	JASO M315, Class 1-A-LV	Nissan	Matic K
Land Rover	ATF N402	Nissan	N402
Land Rover	JWS3309US	Peugeot	P/N Z 000169756
MAN	339A, 339D, 339F	Porsche	JWS 3309, P/N 000 043 205 28
Mazda	ATF M-5 P/N 0000-23-ATF - M5	Porsche	LT 71141
Mazda	ATF N-1	Porsche	P/N 000 043 204 41
Mazda	ATF S-1	Porsche	P/N 000 043 204 63
Mazda	F-1	Porsche	P/N 000 043 305 42
Mazda	JWS3317		

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Other applications ^{(a)(b)}

OEM / ATF	APPLICATION
Porsche	P/N 958 300 901 00
Porsche	P/N 999 917 547 00 (A2) or P/N 000 043 205 09
PSA	AL4 / 4HP20, P/N 9730AE
PSA	B71 2340
Renault	DP-0
Renault	Matic D2
Renault	SATF-D
Rolls Royce	Oil No. PL 31493PA
Saab	ATF HP
Saab	JWS 3309
Saab	P/N 93 160 393
Saturn	Dex-III G
Saturn	T-IV Fluid, P/N 22689186
Ssangyong	DSIH 5M-52
Ssangyong	DSIH 5M-66
Subaru	ATF HP, P/N K0140Y0700, P/N SOA635040
Suzuki	ATF 2326, ATF 2384K
Suzuki	ATF 3314, ATF 3317
Suzuki	ATF 5D06
Suzuki	Matic D, Matic J
Toyota	JWS 3309, Type T-IV, P/N 08886-81015
Toyota	Type D-II
Toyota	Type T, Type T-II, Type T-III
Volvo	P/N 1161521
Volvo	P/N 1161621
Volvo	P/N 1161640; P/N 1161540
Volvo CE	97325, 97335, 97337
Volvo CE	97340, AT100
Volvo CE	97341, AT101

OEM / ATF	APPLICATION
VW/Audi	G 052 162 (-A1, -A2) [AG4]
VW/Audi	G 052 990 A2
VW/Audi	G 055 025 (-A2)
VW/Audi	G US 000 162
VW/Audi	LT 71141
ZF	LifeguardFluid 5 (ZF No. S671 090 170)
ZF	TE-ML 05L
ZF	TE-ML 11A
ZF	TE-ML 11B
ZF	TE-ML 21L

- a) Products have different Brookfield and/or viscosity requirements
- b) NATIONAL MULTIVEHICLE ATF (high viscosity) is suitable for most ATFs listed on this PDS however we are offering a fluid that has been neither evaluated nor approved by vehicle manufacturers and it may not meet all desired OEM viscometric specifications
- c) Consult your owner's manual regarding its suitability as ATF in imported vehicles. Do not use in ATF applications where CVT fluids or Ford ATF Type F is required. Do not use in Honda power steering fluid systems

This product is not for sale or use in the State of California

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