



PRODUCT BULLETIN

Global Full Synthetic Multi-Vehicle Low-Vis ATF

PRODUCT #977

Cam2[®] Global Full Synthetic Multi-Vehicle Low-Vis ATF is a full synthetic universal ATF offering true multi-vehicle performance, extended drain intervals, and excellent wear protection in most North American, European, and Asian automatic transmissions. Cam2[®] Global Full Synthetic Multi-Vehicle Low-Vis ATF's broad application range allows for reduction in inventories and simplifies the fluid selection process. Formulated with only premium base stocks and cutting-edge additive technology, Global MV Low-Vis ATF retains its fresh oil properties longer than competing products thereby offering exceptional performance and cost savings. Cam2[®] Global Full Synthetic Multi-Vehicle Low-Vis ATF also allows for savings through inventory consolidation due to its broad application range.

FEATURES

- Improved shift performance and vehicle drivability/ improved shudder performance in a broad range of transmissions
- Excellent oxidation stability, less fluid breakdown in high-temperature service
- Excellent flow properties at low start-up temperatures and high operating temperatures
- Extremely shear-stable formulation helps maintain operational viscosity throughout life of the fluid
- Improved protection against wear for extended service life
- Maintains its properties at high temperatures and under extreme loads and operating conditions
- Suitable for heavy loading and high operating temperatures
- Allows for installers to consolidate stock delivering increased profits by lowering overhead
- Low viscosity formula provides robust wear protection and allows for use over a broader application range

APPLICATIONS

- Suitable for use in passenger car automatic transmission applications calling for use of a low viscosity ATF.
- Not for use in CVT (Continuously Variable Transmissions) or DCT (Dual Clutch Transmissions) which require specialized fluids.

TECHNICAL DATA

Properties	Test Method	Typical Results
Product Code		977
Appearance	Visual	Red
Flash Point, COC °C/°F	92	204° C /400°F
Pour Point, °C/°F	97	-45°C/-49°F
Viscosity	445	
cSt @ 100°C		6.0
Brookfield Viscosity cP @ -40°C	2983	9500

CAM2 INTERNATIONAL, LLC

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

CAM2 Global Full Synthetic Multi-Vehicle Low-Vis ATF is Suitable for Use in the following applications:

Aisin Warner AW-2, PSA 16 350 560 80, VW G 053 001, Volvo 31492172 / 312492173	FIAT 9.55550-AV5	Hyundai/Kia NWS 9638	Shell 3353
Audi/VW G 055 005 -A, -A1, -A2, -A6 (ZF Lifeguard Fluid 6) (ZF No. S671 090 255)	FIAT 9.55550-AV6	ISUZU ATF WSI	Suzuki ATF AW-1
Audi/VW G 055 162-A2, -A6 (ZF Lifeguard Fluid 6 Plus) (ZF No. S671 090 281)	Ford MERCON® LV (FF-WSS-M2C-938A/SF, XT-10 QLV)	Jaguar Fluid 8432	Toyota ATF WS
Audi/VW G 060 162 (ZF Lifeguard Fluid 8) (ZF No. S671 090 312)	Ford ATF C-ML5	Jaguar 02JDE26444	Volvo PN 31256774/31256675
Audi/VW G 055 540 A2	Ford MERCON® SP	JASO M315-2015 1A-LV	VW G055 540 (A2)
Bentley PY112995PA	Ford MERCON® ULV (FF-WSS-M2C-949A)	Land Rover TYK500050	VW G 055 005-A, -A2 (ZF Lifeguard Fluid 6)
BMW ATF 2	Ford/Lincoln/Mercury XT-6-QSP or -DSP (SP)	Land Rover LR0022460	VW G 055 162-A2, -A6 (ZF Lifeguard Fluid 6 Plus)
BMW ATF 7	Fuchs Titan 3292 ATF	Maserati 231603	VW G 060 162 (ZF Lifeguard Fluid 8)
BMW MINI 83 22 0 402 4131	GM/GMC/Opel/Saturn AW1	Mazda ATF FZ	VW G 053 001 A2
BMW MINI 83 22 0 397 114/163 514	GM/GMC/Opel/Saturn VI	Mazda ATF A7	VW G 060 540 A2
BMW 83 22 0 142 516 (ZF Lifeguard Fluid 6)	GM/GMC/Opel/Saturn 88863400	MB 236.12	ZF 6 speed transmissions
BMW 83 22 2 152 426 (ZF Lifeguard Fluid 8)	GM/GMC/Opel/Saturn 88863401	MB 236.14	ZF 8 speed transmissions
BMW 83 22 2 305 396 (ATF 2)	GM DEXRON® VI	MB 236.15	ZF 9 speed transmissions
BMW 83 220 397 114	GM DEXRON®-ULV (19352619)	MB 236.41	Service-fill for 8 and 9 speed step-ATs
BMW 83 222 152 426	Honda Type 3.0	Mitsubishi Diaqueen SP-IV	eMobility Claims
BMW 83 222 289 720 (BMW ATF 3+)	Honda Type 3.1 : 08263-999-01HE (EU), 08200-9017 (USA) (ZF Lifeguard Fluid 9) (ZF No. AA01.500.001)	Mitsubishi Diaqueen J3	Ford Escape Hybrid eCVT
Chrysler/Dodge/Jeep 68043742AA	Honda Ultra HEVF-Type 1	Mitsubishi Diaqueen ATF-MA1	Honda e:HEV
Chrysler/Dodge/Jeep 68157995AA	Hyundai/Kia SP-IV (00232-1904/04500-00115)	Mitsubishi Diaqueen ATF PA	Jatco JR712E
Chrysler/Dodge/Jeep 68157995AB	Hyundai/Kia SP-IV M (SP4-M)	Nissan Matic Fluid S	Mazda SKYACTIVE-HYBRID
Chrysler/Dodge/Jeep 68218925AA and 68218925AB	Hyundai/Kia SPH-IV	Nissan Matic Fluid W	Nissan Altima Hybrid
Chrysler/Dodge/Jeep MOPAR SP IV, 68171866AA/68171869AA	Hyundai/Kia SPH-IV M1 (SP4-M1)	Saab 93 165 147	Tesla Model S, Model 3, and Model X
	Hyundai/Kia SP-IV-RR	Saab Power Steering Fluid 2634, 45 30 09 800, 93160548	Toyota THSII/Toyota Prius
		Shell M-1375.4	Toyota THS 5th Gen. / Toyota Noah, Voxy etc.
		Shell ATF 134	

High Viscosity Specifications

(Cam2 Global Full Synthetic Multi-Vehicle Low-Vis ATF is technically capable in the following applications. Cam2 Global Full Synthetic Multi-Vehicle Low-Vis ATF is a low viscosity specification and as a result, this product may not meet all viscometric parameters of the below specifications.)

Acura ATF-Z1	Audi/VW G 053 025 A2	BMW LT71141 (ZF 5 HP 18FL/19FL/24A)	Chrysler/Dodge MOPAR AS 68 RC and AS 69 RC (T-IV), JWS 3309
Aisin Warner JWS 3309 (T-IV) & JWS 3324 (WS), AW-1	Audi/VW G 052 162 A1/A2	BMW ZF 5HP18FL, 5HP24, 5HP30	Chrysler/Dodge/Jeep 05127382AA
Allison C-3 & C4	Audi/VW G 055 025 A2 (JWS 3309)	BMW 7045E	Chrysler/Dodge/Jeep Borg Warner 68049954AA
American Motors ATF +3 (MS7176-E)	Audi/VW G 052 162 (ZF Lifeguard Fluid 5) (ZF No. S671 090 170)	BMW ETL 8072B	Daewoo LT 71141
AML Oil No. 4G43A9A509/AA/S	Audi/VW G 052 990	BMW ATF 6	Daihatsu AMMIX ATF D-II
ATF RED 1, RED 1K	Audi/VW 052 055	Bosch TE-ML 09	Daihatsu AMMIX ATF D-III SP
Audi 5 HP LT71141 (ZF 5 HP 18FL/19FL/24A)	BMW JWS 3309 (T-IV)	CAT TO-2	
Audi/VW G 052 025 A2	BMW LA2634	Chrysler ATF+, +2, +3 (MS7176E)	

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DANA OHTM ATF (only recommend visc @ 100°C > 7.0 cSt
Esso LT 71141
FIAT T-IV type, JWS 3309
Ford MERCON®
Ford FNR5 (Mazda M5, XT-9-QMM5)
Ford WSS M2C 138CJ, 166H
Ford WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309
Ford/Lincoln/Mercury XT-2-QDX (M)
Ford/Lincoln/Mercury XT-2-QSM (Syn)
Ford ESP-M2C166H, XL-12
Fuso ATF-II
Fuso ATF-SPIII
Fuso ATF-A4
GM9986195 (Aisin AW-1, JWS 3309)
GM TASA
GM DEXRON®-II
GM DEXRON®-IID
GM DEXRON®-IIE
GM DEXRON®-IIIG
GM DEXRON® IIIH
GM 1940700
GM 1940767
GM 21005966
GM 22717466
GM 88900925
GM 9986195
GM 93160393
GM Transfer Case (AutoTrak II)
Hino Blue ribbon ATF
Honda ATF-Z1 (except in CVTs)
Honda ATF Ultra II
Honda DW-1
Hyundai/Kia SP-III

Hyundai/Kia Dex-II/ SP-II
Hyundai/Kia JWS 3314
Hyundai/Kia 04000C90SG
Hyundai/Kia NUMM040 CH20 Red-1
Hidemitsu K17 3100 PL085
ISUZU BESCO ATF-II
ISUZU BESCO ATF-III
ISUZU BESCO ATF SP
ISUZU SCS Fluid
ISUZU 08200-9001
Jaguar ATF 3403 M115, ATF 3403-M115,
Jaguar ATF LT71141, ZF 5HP24
Jaguar JLM20238
Jaguar ATF 3403 JLM20238,
Jaguar K17
Jaguar JLM 20292
Jaguar WSS-M2C922A1
JASO M315-2015 1A
JASO M315-2015 2A
JEEP ATF+3
KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1
Land Rover LR023288
Lexus JWS 3309
MAN 339A
Mazda ATF D-II
Mazda ATF M-III
Mazda ATF M-V
Mazda ATF F-1
Mazda ATF S-1
Mazda ATF N-1
MAZDA ATF 3317
MB ZF 4HP20
MINI COOPER T-IV
Mitsubishi Diaqueen SK
Mitsubishi Diaqueen SP-II
Mitsubishi Diaqueen SP-III
Mitsubishi Diaqueen AW
Mitsubishi Diaqueen J2

NAG 1 (Chrysler, Jeep, Cherokee)
Nissan Matic Fluid C
Nissan Matic Fluid D
Nissan Matic Fluid J
Nissan Matic Fluid K
Nissan Matic Fluid P
Opel/GM 19 40 700
Opel/GM 19 40 767
Opel/GM 21005966 Transaxle
Opel/GM 22 17466
Opel/GM 88900925
Opel/GM 9986195
Peugeot ZF 4HP20
Peugeot/Citroen Z 000169756
Peugeot/Citroen (PSA) AL4 Automatic gearbox oil (#9730.AE)
Porsche ZF 5HP19FL, ZF 5HP20, LT71141
Porsche ATF 3403-M115,
Porsche T-IV (JWS 3309)
Porsche 000 043 205 09
Porsche 999 917 547 00 (A2)
Porsche 000 043 205 28
Porsche Z 000169756
PSA B71 2340
Renault DPO/AL4
Renault Matic D2
Renault Samsung SATF-D
Saab T-IV (JWS 3309)
Saab 93 160 393
Saturn T-IV (JWS 3309)
Scion (all vehicles)
Shell 3403, M115, LA 2634
Shell L 12108
Ssang yong DSIH 5M-66
Subaru ATF
Subaru K0140Y0700
Subaru ATF 5AT
Subaru DEXRON®-II
Subaru ATF, ATF HP

Subaru Opel Original ATF 09117946/93160393
Suzuki AT OIL 5D06
Suzuki ATF 2326
Suzuki ATF 2384K
Suzuki JWS 3309
Suzuki ATF 3314
Suzuki ATF 3317
Texaco 7045-E
Texaco 8072B
Texaco N402
Toyota ATF D-II
Toyota ATF D-III
Toyota ATF T-III
Toyota ATF T-IV
Vickers M2950-S, I-286-S
Voith 55.6335.xx (G607)
Volvo 97325
Volvo 97335
Volvo CE 97340
Volvo PN 1161521
Volvo PN 1161540/1161640
Volvo PN 1161621
VW 5 HP (ZF 5 HP 30)
VW 5HP (18FL, 30)
VW 5HP (19FL, 24A)
VW G-055-025 A2 (JWS 3309)
VW G 052 162 (ZF Lifeguard Fluid 5)
VW TL 52540-A
VW TL 521 62
ZF all 3 & 4 speed transmission
ZF TE-ML 05L
ZF TE-ML 09
ZF TE-ML 11A, 11B
ZF TE-ML 21L
eMobility Claims
BYD Dedicated Hybrid Transmission (DHT)
Honda iMMD

American Motors ATF +4 (MS9602)
BMW 7045E (83 22 0 026 922)
BMW ETL-8072B (83 22 9 407 807)
BMW 83 22 024 359
BMW 83 22 0403 248
BMW 83 22 0403 249
BMW 83 229 407 807
BMW 83 229 407 765
BMW 83 220 142 516
BMW 83 227 542 290

BMW 83 220 402 413
BMW 81 22 9 400 272/275
BMW 81 22 9 407 858/859
BMW 83 22 0 026 922
BMW 83 22 2 355 599
Chrysler ATF+4 (MS9602)
Ford MERCON® V
Ford/Lincoln/Mercury XT-5-QM (V), XT-5-DM
GM 12378515
Jeep ATF +4

MAN 339 Type D
MAN 339 Type F
MAN 339 Type Z1
MAN 339 Type Z2
MAN 339 Type V1
MAN 339 Type V2
MB 236.1
MB 236.2
MB 236.3
MB 236.5
MB 236.6
MB 236.7

MB 236.8
MB 236.9
MB 236.10
MB 236.11
MB 236.91
Volvo CE 97342
ZF TE-ML 02F
ZF TE-ML 03D
ZF TE-ML 14A
ZF TE-ML 14B
ZF TE-ML 16L
ZF TE-ML 17C

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