



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

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	Chrysler/Dodge/Jeep MOPAR SP IV, 68171866AA/68171869AA	Hyundai/Kia SP-IV-RR	Shell 3353
Audi/VW G 055 005 -A, -A1, -A2, -A6 (ZF Lifeguard Fluid 6) (ZF No. S671 090 255)	FIAT 9.55550-AV5	Hyundai/Kia NWS 9638	Suzuki ATF AW-1
Audi/VW G 055 162-A2, -A6 (ZF Lifeguard Fluid 6 Plus) (ZF No. S671 090 281)	FIAT 9.55550-AV6	ISUZU ATF WSI	Toyota ATF WS
Audi/VW G 060 162 (ZF Lifeguard Fluid 8) (ZF No. S671 090 312)	Ford MERCON® LV (FF-WSS-M2C-938A/SF, XT-10 QLV)	Jaguar Fluid 8432	Volvo PN 31256774/31256675
Audi/VW G 055 540 A2	Ford ATF C-ML5	Jaguar 02JDE26444	VW G 055 540 (A2)
Bentley PY112995PA	Ford MERCON® SP	JASO M315-2015 1A-LV	VW G 055 005-A, -A2 (ZF Lifeguard Fluid 6)
BMW ATF 2	Ford MERCON® ULV (FF-WSS-M2C-949A)	Land Rover TYK500050	VW G 055 162-A2, -A6 (ZF Lifeguard Fluid 6 Plus)
BMW ATF 7	Ford/Lincoln/Mercury XT-6-QSP or -DSP (SP)	Land Rover LR0022460	VW G 060 162 (ZF Lifeguard Fluid 8)
BMW MINI 83 22 0 402 4131	Fuchs Titan 3292 ATF	Maserati 231603	VW G 053 001 A2
BMW MINI 83 22 0 397 114/163 514	GM/GMC/Opel/Saturn AW1	Mazda ATF FZ	VW G 060 540 A2
BMW 83 22 0 142 516 (ZF Lifeguard Fluid 6)	GM/GMC/Opel/Saturn VI	MB 236.12	ZF 6 speed transmissions
BMW 83 22 2 152 426 (ZF Lifeguard Fluid 8)	GM/GMC/Opel/Saturn 88863400	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 LifeguardFluid 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
	Hyundai/Kia SPH-IV M1 (SP4-M1)	Saab 93 165 147	Tesla Model S, Model 3, and Model X
		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 052 162 (ZF Lifeguard Fluid 5) (ZF No. S671 090 170)	BMW 83 22 0403 249	BMW LT71141 (ZF 5 HP 18FL/19FL/24A)
Aisin Warner JWS 3309 (T-IV) & JWS 3324 (WS), AW-1	Audi/VW G 052 162 A1/A2	BMW 83 22 2 355 599	BMW ZF 5HP18FL, 5HP24, 5HP30
Allison C-3 & C4	Audi/VW G 052 990	BMW 83 220 142 516	Bosch TE-ML 09
American Motors ATF +3 (MS7176-E)	Audi/VW G 053 025 A2	BMW 83 220 402 413	CAT TO-2
American Motors ATF +4 (MS9602)	Audi/VW G 055 025 A2 (JWS 3309)	BMW 83 227 542 290	Chrysler ATF+, +2, +3 (MS7176E)
AML Oil No. 4G43A9A509/AA/S	BMW 7045E	BMW 83 229 407 765	Chrysler ATF+4 (MS9602)
ATF RED 1, RED 1K	BMW 7045E (83 22 0 026 922)	BMW 83 229 407 807	Chrysler/Dodge MOPAR AS 68 RC and AS 69 RC (T-IV), JWS 3309
Audi 5 HP LT71141 (ZF 5 HP 18FL/19FL/24A)	BMW 81 22 9 400 272/275	BMW ATF 6	Chrysler/Dodge/Jeep 05127382AA
Audi/VW 052 055	BMW 81 22 9 407 858/859	BMW ETL 8072B	Chrysler/Dodge/Jeep Borg Warner 68049954AA
Audi/VW G 052 025 A2	BMW 83 22 0 026 922	BMW ETL-8072B (83 22 9 407 807)	Daewoo LT 71141
	BMW 83 22 024 359	BMW JWS 3309 (T-IV)	Daihatsu AMMIX ATF D-II
	BMW 83 22 0403 248	BMW LA2634	

Daihatsu AMMIX ATF D-III SP	Hyundai/Kia SP-III	MB ZF 4HP20	Subaru Opel Original ATF
DANA OHTM ATF (only recommend visc @ 100°C > 7.0 cSt)	ISUZU 08200-9001	MINI COOPER T-IV	09117946/93160393
Esso LT 71141	ISUZU BESCO ATF SP	Mitsubishi Diaqueen AW	Suzuki AT OIL 5D06
FIAT T-IV type, JWS 3309	ISUZU BESCO ATF-II	Mitsubishi Diaqueen J2	Suzuki ATF 2326
Ford ESP-M2C166H, XL-12	ISUZU BESCO ATF-III	Mitsubishi Diaqueen SK	Suzuki ATF 2384K
Ford FNR5 (Mazda M5, XT-9-QMMS)	ISUZU SCS Fluid	Mitsubishi Diaqueen SP-II	Suzuki ATF 3314
Ford MERCON®	Jaguar ATF 3403 JLM20238,	Mitsubishi Diaqueen SP-III	Suzuki ATF 3317
Ford MERCON® V	Jaguar ATF 3403 M115, ATF 3403-M115,	NAG 1 (Chrysler, Jeep, Cherokee)	Suzuki JWS 3309
Ford WSS M2C 138CJ, 166H	Jaguar ATF LT71141, ZF 5HP24	Nissan Matic Fluid C	Texaco 7045-E
Ford WSS M2C 922A1, 924A (XT-8-QAW) JWS 3309	Jaguar JLM 20292	Nissan Matic Fluid D	Texaco 8072B
Ford/Lincoln/Mercury XT-2-QDX (M)	Jaguar JLM20238	Nissan Matic Fluid J	Texaco N402
Ford/Lincoln/Mercury XT-2-QSM (Syn)	Jaguar K17	Nissan Matic Fluid K	Toyota ATF D-II
Ford/Lincoln/Mercury XT-5-QM (V), XT-5-DM	Jaguar WSS-M2C922A1	Nissan Matic Fluid P	Toyota ATF D-III
Fuso ATF-A4	JASO M315-2015 1A	Opel/GM 19 40 700	Toyota ATF T-III
Fuso ATF-II	JASO M315-2015 2A	Opel/GM 19 40 767	Toyota ATF T-IV
Fuso ATF-SPIII	Jeep ATF +4	Opel/GM 21005966 Transaxle	Vickers M2950-S, I-286-S
GM 12378515	JEEP ATF+3	Opel/GM 22 17466	Voith 55.6335.xx (G607)
GM 1940700	KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1	Opel/GM 88900925	Volvo 97325
GM 1940767	Land Rover LR023288	Opel/GM 9986195	Volvo 97335
GM 21005966	Lexus JWS 3309	Peugeot ZF 4HP20	Volvo CE 97340
GM 22717466	MAN 339 Type D	Peugeot/Citroen (PSA) AL4 Automatic gearbox oil (#9730.AE)	Volvo CE 97342
GM 88900925	MAN 339 Type F	Peugeot/Citroen Z 000169756	Volvo PN 1161521
GM 93160393	MAN 339 Type V1	Porsche 000 043 205 09	Volvo PN 1161540/1161640
GM 9986195	MAN 339 Type V2	Porsche 000 043 205 28	Volvo PN 1161621
GM DEXRON® IIIH	MAN 339 Type Z1	Porsche 999 917 547 00 (A2)	VW 5 HP (ZF 5 HP 30)
GM DEXRON®-II	MAN 339 Type Z2	Porsche ATF 3403-M115,	VW 5HP (18FL, 30)
GM DEXRON®-IID	MAN 339A	Porsche T-IV (JWS 3309)	VW 5HP (19FL, 24A)
GM DEXRON®-IEE	MAZDA ATF 3317	Porsche Z 000169756	VW G 052 162 (ZF Lifeguard Fluid 5)
GM DEXRON®-IIIG	Mazda ATF D-II	Porsche ZF 5HP19FL, ZF 5HP20, LT71141	VW G-055-025 A2 (JWS 3309)
GM TASA	Mazda ATF F-1	PSA B71 2340	VW TL 521 62
GM Transfer Case (AutoTrak II)	Mazda ATF M-III	Renault DPO/AL4	VW TL 52540-A
GM9986195 (Aisin AW-1, JWS 3309)	Mazda ATF M-V	Renault Matic D2	ZF all 3 & 4 speed transmission
Hidemitsu K17 3100 PL085	Mazda ATF N-1	Renault Samsung SATF-D	ZF TE-ML 02F
Hino Blue ribbon ATF	Mazda ATF S-1	Saab 93 160 393	ZF TE-ML 03D
Honda ATF Ultra II	MB 236.1	Saab T-IV (JWS 3309)	ZF TE-ML 05L
Honda ATF-Z1 (except in CVTs)	MB 236.10	Saturn T-IV (JWS 3309)	ZF TE-ML 09
Honda DW-1	MB 236.11	Scion (all vehicles)	ZF TE-ML 11A, 11B
Hyundai/Kia 040000C90SG	MB 236.2	Shell 3403, M115, LA 2634	ZF TE-ML 14A
Hyundai/Kia Dex-II/ SP-II	MB 236.3	Shell L 12108	ZF TE-ML 14B
Hyundai/Kia JWS 3314	MB 236.5	Ssang yong DSIH 5M-66	ZF TE-ML 16L
Hyundai/Kia NUMM040 CH20 Red-1	MB 236.6	Subaru ATF	ZF TE-ML 17C
	MB 236.7	Subaru ATF 5AT	ZF TE-ML 21L
	MB 236.8	Subaru ATF, ATF HP	eMobility Claims
	MB 236.9	Subaru DEXRON®-II	BYD Dedicated Hybrid Transmission (DHT)
	MB 236.91	Subaru K0140Y0700	Honda iMMD