

Automatic Transmission Oil

Caretta Spirula ATF Red is a synthetic high quality versatile automatic transmission fluid intended for 6-speed, 8-speed and 9-speed automatic car transmissions. Subjected to extreme testing, Caretta Spirula ATF Red guarantees maximum performance of the automatic transmission. At the same time, the wear of heavily loaded components is minimized due to the specifically matched oils.

Caretta Spirula ATF Red is based on a synthetic base in combination with an unique additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- Excellent lubrication, even under extreme conditions.
- Very high protection against wear, corrosion and foam.
- High "shear stable".
- Very low Pour point, can be used by very cold temperatures.
- High Viscosity Index.

Caretta Spirula ATF LV Red meets the performance criteria where the following specifications are asked:

Aisin-Warner JWS 3309		Aisin-Warner JWS 3324		Aisin-Warner AW-1/AW-2	
Audi	BMW	VW	Opel		
5 HP LT71141	LT71141	G 050 162	88863400/88863401		
G 052 025 A2	ATF 2/3+/6/7	G 055 005	VI		
KIA	Ford	Toyota	Volvo		
ATF SP-II/-III/-IV	MERCON	ATF T-III/-IV	97325		
ATF SP-IVM	WSS M2C 922A1	ATF D-II/-III	PN 31256774		
Nissan	GM	RENAULT	MAZDA		
Matic Fluid -	DEXRON VI	Matic D2	ATF FZ		
C/D/J/K/P/S/W	TASA	Samsung SATF-D	ATF A7		

For a more detailed list, see page two.

Typical Analysis

Properties	Unit	Method	Typical Value
Color			Red
Density @15°C	kg/m ³	ASTM D4052	846.4
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	30.0
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	6.0
Viscosity Index		ASTM D2270	154
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-47

ATF LV is suitable for use where the following specifications are required:

Acura ATF-Z1
Aisin Warner JWS 3309 (T-IV) & JWS 3324 (WS), AW-1
Aisin Warner AW-2
American Motors ATF +3 (MS7176-E)
AML Oil No. 4G43A9A509/AA/S
ATF RED 1, RED 1K
Audi 5 HP LT71141 (ZF 5 HP 18FL/19FL/24A)
Audi/VW G 052 025 A2
Audi/VW G 053 025 A2
Audi/VW G 052 162 A1/A2
Audi/VW G 055 025 A2 (JWS 3309)
Audi/VW G 052 162 (ZF LifeguardFluid 5) (ZF No. S671 090 170)
Audi/VW G 055 005 -A, -A1, -A2, -A6 (ZF LifeguardFluid 6) (ZF No. S671 090 255)
Audi/VW G 055 162-A2, -A6 (ZF LifeguardFluid 6 Plus) (ZF No. S671 090 281)
Audi/VW G 060 162 (ZF LifeguardFluid 8) (ZF No. S671 090 312)
Audi/VW G 052 990
Audi/VW G 055 540 A2
Audi/VW 052 055
Bentley PY112995PA
BMW JWS 3309 (T-IV)
BMW LA2634
BMW LT71141 (ZF 5 HP 18FL/19FL/24A)
BMW ZF 5HP18FL, 5HP24, 5HP30
BMW 7045E
BMW ETL 8072B
BMW ATF 2, ATF 3+, ATF 6, ATF 7
Bosch TE-ML 09
CAT TO-2
Chrysler ATF+, +2, +3 (MS7176E)
Chrysler/Dodge MOPAR AS 68 RC and AS 69 RC (T-IV), JWS 3309
Chrysler/Dodge/Jeep 05127382AA, 68043742AA, 68157995AA, 68157995AB
Chrysler/Dodge/Jeep Borg Warner 68049954AA
Chrysler/Dodge/Jeep 68218925AA and 68218925AB
Chrysler/Dodge/Jeep MOPAR SP IV, 68171866AA/68171869AA
Daewoo LT 71141
Daihatsu AMMIX ATF D-II, ATF D-III SP
LT 71141
FIAT T-IV type, JWS 3309, 9.55550-AV5, 9.55550-AV6
Ford MERCON®
Ford ATF C-ML5
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-6-QSP or -DSP (SP)
Ford/Lincoln/Mercury XT-2-QDX (M)
Ford/Lincoln/Mercury XT-2-QSM (Syn)
Ford ESP-M2C166H, XL-12
Fuso ATF-II, ATF-SPIII, ATF-A4
GM 9986195 (Aisin AW-1, JWS 3309)
GM TASA
GM DEXRON®-II-IIID-IIIE-IIIG-IIIH-VI
GM 1940700
GM 1940767
GM 21005966
GM 22717466
GM 88900925
GM 9986195
GM 93160393
GM Transfer Case (AutoTrak II)
GM/GMC/Opel/Saturn AW1
GM/GMC/Opel/Saturn VI
GM/GMC/Opel/Saturn 88863400 / 88863401
Hino Blue ribbon ATF

Honda ATF-Z1 (except in CVTs)
Honda ATF Ultra II
Honda DW-1
Honda Type 3.0, 3.1 : 08263-999-01HE (EU), 08200-9017 (USA) (ZF LifeguardFluid 9) (ZF No. AA01.500.001)
Honda Ultra HEVF-Type 1
Hyundai/Kia SP-IV (00232-1904/04500-00115), SP-IV M (SP4-M), SPH-IV, SPH-IV M1 (SP4-M1), SP-IV-RR
Hyundai/Kia SP-III, Dex-II, SP-II
Hyundai/Kia JWS 3314, NWS 9638
Hyundai/Kia 040000C90SG
Hyundai/Kia NUMM040 CH20 Red-1
Idemitsu K17 3100 PL085
ISUZU ATF WSI
ISUZU BESCO ATF-II, ATF-III, 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 Fluid 8432
Jaguar 02JDE26444
Jaguar WSS-M2C922A1
JASO M315-2015 1A, 1A-LV, 2A
JEEP ATF+3
KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1
Land Rover TYK500050, LR0022460, LR023288
Lexus JWS 3309
MAN 339A
Maserati 231603
Mazda ATF D-II, ATF M-III, ATF M-V, ATF FZ, ATF A7, ATF F-1, ATF S-1, ATF N-1
Mazda ATF 3317
MB ZF 4HP20
MB 236.3, 236.5, 236.6, 236.7, 236.8, 236.9, 236.11, 236.12, 236.14, 236.15, 236.17
MINI COOPER T-IV
Mitsubishi Diaqueen SK, SP-II, SP-III, SP-IV, AW, J2, J3, MA1, PA
NAG 1 (Chrysler, Jeep, Cherokee)
Nissan Matic Fluid C, D, J, K, P, S, W
Opel/GM 19 40 700, 19 40 767
Opel/GM 21005966 Transaxle
Opel/GM 22 17466, 88900925, 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
PSA B71 2340
PSA 16 350 560 80
Renault DPO/AL4
Renault Matic D2
Renault Samsung SATF-D
Saab T-IV (JWS 3309)
Saab 93 165 147, 93 160 393
Saab Power Steering Fluid 2634, 45 30 09 800, 93160548
Saturn T-IV (JWS 3309)
Scion (all vehicles)
3403, M115, LA 2634
M-1375.4
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 ATF AW-1
Suzuki AT OIL 5D06
Suzuki ATF 2326, 2384K
Suzuki JWS 3309
Suzuki ATF 3314, 3317
7045-E
8072B
N402
Toyota ATF D-II, D-III, ATF T-III, ATF T-IV, ATF WS
Vickers M2950-S, I-286-S
Volvo 97325, 97335
Volvo CE 97340
Volvo PN 1161521
Volvo PN 1161540/1161640
Volvo PN 31256774/31256675
Volvo 31492172/312492173
Volvo PN 1161621
VW 5HP (ZF 5 HP 30)
VW 5HP (18FL, 30)
VW 5HP (19FL, 24A)
VW G 055 025 A2 (JWS 3309)
VW G 055 540 (A2)
VW G 052 162 (ZF LifeguardFluid 5)
VW G 055 005-A, -A2 (ZF LifeguardFluid 6)
VW G 055 162-A2, -A6 (ZF LifeguardFluid 6 Plus)
VW G 060 162 (ZF LifeguardFluid 8)
VW G 053 001
VW TL 52540-A
VW TL 521 62
ZF all 3 & 4 speed transmission
ZF 6-speed, 8-speed & 9-speed transmissions
ZF TE-ML 05L, 09, 11A, 11B, 21L
Service-fill for 8 and 9 speed step-ATs

eMobility Claims

BYD Dedicated Hybrid Transmission (DHT)
Ford Escape Hybrid eCVT
Honda e:HEV
Honda iMMD
Hyundai ATF-I2
Jatco JR712E
Mazda SKYACTIVE-HYBRID
Nissan Altima Hybrid
Toyota THSII/Toyota Prius
Toyota e-Transaxle Fluid TE for THS 5th Gen. / Toyota Noah, Voxy etc.
ZF LifeGuard Hybrid 1 (ZF No.AA02.836.455)
ZF LifeGuard Hybrid 2 (ZF No. 0671.090.548)
ZF LifeGuard Hybrid 4 (ZF No.5961.308.625)