

# PRODUCT INFORMATION



Lubricants – Transmission Oils – Automotive

Version: 086/02

## Valvoline™ Hybrid ATF

**Full synthetic hybrid automatic transmission fluid for passenger cars and vans. Valvoline Hybrid ATF is blended with unique seal conditioners and antioxidants which increase the life and performance of the lubricant. This product also covers many other ATF applications.**

Valvoline Hybrid ATF provides outstanding protection and lubrication of the automatic gearbox over a wide temperature range. Especially formulated for use in hybrid vehicles fitted with a conventional automatic transmission. Valvoline Hybrid ATF also helps to maximize the life of higher mileage automatic transmissions by using carefully selected additives and antioxidants.

Recommended by Valvoline for use in\*:

Aisin Warner	Hyundai	Mitsubishi
BMW	Jaguar	Nissan / Infiniti
Chrysler	JASO	Peugeot
Ford	KIA	Renault
GM	Subaru	Volvo
Honda / Acura	Toyota / Lexus	VW
Landrover	Mercedes-Benz	VW / Audi
Mazda	Mini Cooper	

\*full list of specifications can be found on page 3, 4 and 5

### Features & Benefits

#### Maximum protection

Protects gears and maintains the efficiency of hybrid automatic transmissions

#### Conductivity

Enhanced thermal conductivity (fluid cooling ability) to protect the drivetrain against the additional heat that is typically seen with hybrid vehicles.

#### Oxidation

Enhanced oxidation resistance and oil film stability at high temperatures

#### Smooth shifting

Maintains automatic transmission response and smooth shift feel

#### Consistent, stable viscosity

Excellent viscosity-temperature properties even at very low temperatures. Highly stable viscosity over a long period.

#### Applications

Suitable for hybrid and non-hybrid automatic gearboxes of passenger cars, vans, and other vehicles where the manufacturer recommends the specifications as referred to in this sheet. Can also be used in some hand shifted transmissions based on OEM requirements. Sometimes recommended as power steering fluid. Suitable for long drain intervals.

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## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit <https://www.valvolineglobal.com/en-eur/> or <http://pisheets.valvolineglobal.com>

## Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Valvoline Hybrid ATF	
<b>Colour</b>	Red
<b>Viscosity, mm<sup>2</sup>/s @ 100°C</b> ASTM D-445	5.6
<b>Viscosity, mm<sup>2</sup>/s @ 40°C</b> ASTM D-445	37.0
<b>Viscosity, mPa.s -40°C</b> ASTM D-5293	5 820
<b>Pour Point, °C</b> ASTM D-5950	-42
<b>Specific Gravity @ 15.6°C</b> ASTM D-4052	0.843
<b>Flash Point, COC, °C</b> ASTM D-92	202

**This information only applies to products manufactured in the following location(s):  
Europe**

## Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://sds.valvolineglobal.com>

## Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

## Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 086/01

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Aisin Warner JWS 3309 (T-IV) & JWS 3324 (WS),  
AW-1  
Allison C-3 & C-4  
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 MINI  
BMW 83 22 0 142 516 (ZF Lifeguardfluid 6)  
Bosch TE-ML 09  
CAT TO-2  
Chrysler ATF+, +2, +3 (MS 7176E)  
Chrysler/Dodge MOPAR AS 68 RC and AS 69 RC (T-IV),  
JWS 3309  
Chrysler/Dodge/Jeep 05127382AA  
Chrysler/Dodge/Jeep 68043742AA  
Chrysler/Dodge/Jeep 68157995AA  
Chrysler/Dodge/Jeep 68157995AB

JASO M315-2013 2A  
JEEP ATF+3  
KIA ATF SP-II, SP-III, SP-IV, SP-IVM, Red 1  
Land Rover TYK500050  
Land Rover LR0022460  
Land Rover LR023288  
Lexus JWS 3309  
MAN 339A  
Maserati 231603  
Mazda ATF D-II  
Mazda ATF M-III  
Mazda ATF M-V  
Mazda ATF FZ  
Mazda ATF F-1  
Mazda ATF S-1  
Mazda ATF N-1  
MAZDA ATF 3317  
MB ZF 4HP20  
MB NAG-2 TRANSMISSIONS  
MB 7-SPEED AUTOMATIC TRANSMISSION SERIES TRONIC PLUS  
MB 5-SPEED AUTOMATIC TRANSMISSION SERIES 722.6  
MB 7-SPEED AUTOMATIC TRANSMISSION SERIES 722.9  
MINI COOPER T-IV  
Mitsubishi Diaqueen SK  
Mitsubishi Diaqueen SP-II  
Mitsubishi Diaqueen SP-III  
Mitsubishi Diaqueen SP-IV  
Mitsubishi Diaqueen AW  
Mitsubishi Diaqueen J2  
Mitsubishi Diaqueen J3  
Mitsubishi Diaqueen ATF-MA1  
Mitsubishi Diaqueen ATF PA  
NAG 1 (Chrysler, Jeep, Cherokee)  
Nissan Matic Fluid C  
Nissan Matic Fluid D  
Nissan Matic Fluid J  
Nissan Matic Fluid K  
Nissan Matic Fluid S  
Opel/GM 19 40 700  
Opel/GM 19 40 767  
Opel/GM 21005966 Transaxle  
Opel/GM 22 17466  
Opel/GM 88900925

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Chrysler/Dodge/Jeep 68218925AA  
Chrysler/Dodge/Jeep MOPAR SP IV,  
68171866AA/68171869AA  
Daewoo LT 71141  
Daihatsu AMMIX ATF D-II  
Daihatsu AMMIX ATF D-III SP  
FIAT T-IV type, JWS 3309  
FIAT 9.55550-AV5  
Ford MERCON®  
Ford MERCON® LV (FF-WSS-M2C-  
938A/SF, XT-10 QLV)  
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, JWS 3309)  
GM TASA  
GM DEXRON®-II  
GM DEXRON®-IID  
GM DEXRON®-IIE  
GM DEXRON®-IIIIH  
GM DEXRON®-VI  
GM 1940700  
GM 1940767  
GM 21005966  
GM 22717466  
GM 88900925  
GM 9986195  
GM 93160393  
GM/GMC/Opel/Saturn AW1  
GM/GMC/Opel/Saturn VI  
GM/GMC/Opel/Saturn 88863400  
GM/GMC/Opel/Saturn 88863401  
Hino Blue ribbon ATF  
Honda ATF-Z1 (except in CVTs)  
Honda ATF Ultra II  
Honda DW-1  
Honda Type 3.0

Opel/GM 9986195  
Peugeot ZF 4HP20  
Peugeot/Citreon Z 000169756  
Peugeot/Citreon (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  
Renault DPO/AL4  
Renault Matic D2  
Renault Samsung SATF-D  
Saab T-IV (JWS 3309)  
Saab 93 165 147  
Saab 93 160 393  
Saturn T-IV (JWS 3309)  
Scion (all vehicles)  
Ssang yong DSIH 5M-66  
Subaru ATF  
Subaru K0140Y0700  
Subaru ATF 5AT  
Subaru DEXRON®-II  
Subaru ATF, ATF HP  
Suzuki ATF AW-1  
Suzuki AT OIL 5D06  
Suzuki ATF 2326  
Suzuki ATF 2384K  
Suzuki JWS 3309  
Suzuki ATF 3314  
Suzuki ATF 3317  
Toyota ATF D-II  
Toyota ATF D-III  
Toyota ATF T-III  
Toyota ATF T-IV  
Toyota ATF WS  
Toyota Hybrid  
Vickers M2950-S, I-286-S  
Voith 55.6335.xx (G607)  
Voith Svc Bltn #013 and #118  
Volvo 97325  
Volvo 97335

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<p>Honda Type 3.1 Hyundai/Kia SP-IV (00232-1904/04500-00115) Hyundai/Kia SP-IV M (SP4-M) Hyundai/Kia SPH-IV Hyundai/Kia SP-IV-RR Hyundai/Kia SP-III Hyundai/Kia Dex-II/ SP-II Hyundai/Kia JWS 3314 Hyundai/Kia NWS 9638 Hyundai/Kia 040000C90SG Hyundai/Kia NUMM040 CH20 Red-1 Idemitsu 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 Fluid 8432 Jaguar 02JDE26444 Jaguar WSS-M2C922A1 JASO M315-2013 1A JASO M315-2013 1A-LV</p>	<p>Volvo CE 97340 Volvo PN 1161521 Volvo PN 1161540/1161640 Volvo PN 31256774/31256675 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 G055 540 (A2) VW G 052 162 (ZF Lifeguardfluid 5) VW G 055 162-A2, -A6 (ZF Lifeguardfluid 6 Plus) VW G 060 162 (ZF Lifeguardfluid 8) VW G US 000 162 VW TL 521 62 ZF all 3 &amp; 4 speed transmission ZF 6 speed transmissions ZF 8 speed transmissions ZF 9 speed transmissions ZF TE-ML 05L ZF TE-ML 09 ZF TE-ML 11A, 11B ZF TE-ML 21L</p>
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