

PRODUCT DESCRIPTION

ATF MULTI-VEHICLE LV is a high performance multipurpose low viscosity fully synthetic automatic transmission fluid for 6 speed and up step-AT systems. It meets the most demanding requirements of Asian, American, European and other OEMs of passenger cars, 4WD, light commercial vehicles, heavy duty vehicles and applications where a conventional automatic transmission fluid is needed. Its outstanding low viscosity properties allows optimum fuel efficiency by reducing friction for smoother and noise free gear shifts. Improved wear protection properties for an extended transmission life. Superior oxidation and thermal stability for longer transmission fluid life.

ATF MULTI-VEHICLE LV keeps transmission system clean and delivers reliable performance even in severe driving conditions. It ensures the overall health of a transmission system to reduce maintenance costs.

APPLICATION

Recommended for use in wide variety of passenger cars, SUVs, CUVs, light commercial trucks and other vehicles where low viscosity fluids are required. Compatible in systems where DEXRON® VI, MERCON® LV, other 6-speed and higher transmission systems.

Not recommended for use in Continuously Variable Transmissions (CVT) or Dual Clutch Transmissions (DCT).

WARRANTY

ATF MULTI-VEHICLE LV meets or exceeds the OEMs warranty requirements where a conventional automatic transmission fluid is required. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Improved Fuel Efficiency**
Low viscosity fluid to reduce friction that contributes to fuel savings.
- **Optimized Performance**
Good frictional properties for smoother gear shifts and good anti-shudder protection, while maintaining an efficient power transfer.
- **Extends transmission life**
Effective wear protection, improved oxidation and corrosion resistance to maintain a year-round protection of the transmission components to prolong the transmission life.
- **Multipurpose application**
Single fluid which can be used in majority of automatic transmissions of multiple makers. Eliminates the need to stock different transmission fluid types.
- **Optimized Fluid Service Life**
Outstanding protection against sludge and varnish deposits to prevent clogging of oil passages, ensuring effective fluid performance over the entire service life.

MEETS SPECIFICATIONS & REQUIREMENTS OF:

- GM DEXRON® VI
- FORD MERCON® LV
- TOYOTA WS
- HYUNDAI/KIA SP-IV
- MAZDA ATF FZ
- MITSUBISHI SP-IV
- NISSAN FLUID MATIC S
- ZF LIFEGUARD 8/9
- AISIN WARNER AW-1
- JWS 3324
- NWS 9638
- HONDA/ACURA DW-1

Refer to chart for additional specifications & SFU list.

Suitable for use in various OEMs such as Acura, Honda, Audi, BMW, Chrysler, Daewoo, Daihatsu, Kia, Hyundai, Genesis, Isuzu, Jaguar, Lexus, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault-Nissan, Saab, Saturn, Scion, Subaru, Skoda, Suzuki, Toyota, Volkswagen and others.

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
Kinematic viscosity at:			
40 °C	cSt	26.76	ASTM D445
100 °C	cSt	5.58	ASTM D445
Viscosity index	-	154	ASTM D2270
Color	-	Red	ASTM D1500
Flash point	°C	222	ASTM D92
Pour point	°C	-45	ASTM D6892
Density at 30 °C	kg/L	0.8345	ASTM D4052

ADDITIONAL SPECIFICATIONS & SUITABLE FOR USE LIST

OEM Performance	SFU	OEM Performance	SFU
Acura DW-1	Yes	BMW M-L12108	Yes
Acura ATF Type 3.0	Yes	BMW 81 22 9 407 858	Yes
Acura ATF Type 3.1	Yes	BMW 81 22 9 407 859	Yes
Aisin Warner JWS 3324 (WS)	Yes	BMW 83 22 0 142 516	Yes
Aisin Warner AW-1	Yes	BMW 83 22 0 163 514	Yes
Aisin Warner AW-2	Yes	BMW 83 22 0 397 114	Yes
Aisin Warner ATF-OWS	Yes	BMW 83 22 2 152 426	Yes
Audi G 052 533	Yes	BMW 83 22 2 289 720	Yes
Audi G 055 005-A	Yes	BMW 83 22 2 305 396	Yes
Audi G 055 005-A1	Yes	BMW 83 22 2 305 397	Yes
Audi G 055 005-A2	Yes	BMW 83 22 2 355 599	Yes
Audi G 055 005-A6	Yes	BMW 83 22 2 355 601	Yes
Audi G 055 540	Yes	BMW 83 22 2 413 477	Yes
Audi G 055 540 (A2)	Yes	Citroën AW-1	Yes
Audi G 055 162-A1	Yes	Citroën RP 9734 R7	Yes
Audi G 055 162-A2	Yes	Chrysler 05127382AA	Yes
Audi G 055 162-A6	Yes	Chrysler 68043742AA	Yes
Audi G 060 162	Yes	Chrysler 68157995AA	Yes
Audi G 060 162-A1	Yes	Chrysler 68157995AB	Yes
Audi G 060 162-A2	Yes	Chrysler DEXRON®-VI ATF #68043742AB	Yes
Audi G 060 162-A6	Yes	Chrysler SP IV ATF # 68171866AA	Yes
Bentley PY112995PA	Yes	Chrysler 68171869AA	Yes
BMW ATF-3+	Yes	Chrysler 68218925AA	Yes
BMW ATF 6	Yes	Daimler 236.12	Yes
BMW ATF 7	Yes	Daimler 236.14	Yes

OEM Performance	SFU	OEM Performance	SFU
Daimler 236.15	Yes	GM DEXRON HP ATF	Yes
Daimler 236.41	Yes	GM DEXRON ULV ATF	Yes
Daimler DEX-VI ATF #68043742AB	Yes	GM DEX HP (GMW 16974)	Yes
Daimler SP IV ATF # 68171866AA	Yes	GM 88863400	Yes
Daimler 68171869AA	Yes	GM 88863401	Yes
Dodge 68157995AA	Yes	GMC AW1	Yes
Dodge 68171866AA	Yes	GMC VI	Yes
DSI H 6-Speed Transmissions (ATF 3292)	Yes	GMC DEX-VI	Yes
FCA 8 & 9 Speed # 68218925AA/AB	Yes	GMC 88863400	Yes
Daimler 68157995AA	Yes	GMC 88863401	Yes
Daimler 68157995AB	Yes	Honda DW-1 (except CVTs)	Yes
Dodge 05127382AA	Yes	Honda ATF Type 3.0	Yes
Dodge 68043742AA	Yes	Honda ATF Type 3.1	Yes
FCA AW-1 # 68092912AA	Yes	Hyundai SP-IV	Yes
FCA DEX-VI # 68043742AA	Yes	Hyundai SP-IV M (SP4-M)	Yes
FCA P/N 05127382	Yes	Hyundai SP-IV-RR	Yes
FCA P/N 68157995AA/AB	Yes	Hyundai SPH-IV	Yes
FCA SP-4, P/N 68171866AA	Yes	Hyundai NWS 9638	Yes
FCA SP-4, P/N 68171869AA	Yes	Hyundai NWS 9638 T-5	Yes
Fiat 9.55550-AV2	Yes	Hyundai P/N 040000C90SG	Yes
Fiat 9.55550-AV5	Yes	Hyundai SP-iV-RR	Yes
Fiat 9.55550-AV6	Yes	Hyundai 040000C90SG	Yes
Ford MERCON LV	Yes	Infiniti Matic-S	Yes
Ford MERCON ULV	Yes	Isuzu ATF WSI	Yes
Ford WSS M2C 138CJ	Yes	Isuzu SCS	Yes
Ford WSS M2C 166H	Yes	Isuzu 02JDE 26444	Yes
Ford WSS M2C 922A1	Yes	Jaguar Fluid 8432	Yes
Ford FF-WSS-M2C-938A/SF	Yes	Jaguar 02JDE26444	Yes
Ford FNR5 (Mazda M5, XT-9-QMM5)	Yes	JASO M315-2013 1A-LV	Yes
Ford P/N XT-10 QLV (LV)	Yes	Jeep 05127382AA	Yes
Ford P/N XT-2 ULV	Yes	Jeep 68043742AA	Yes
Ford XT-6-QSP	Yes	Jeep 68157995AA	Yes
Ford XT-DSP (SP)	Yes	KIA ATF SP-IV	Yes
GM AW1	Yes	Kia SP-IV	Yes
GM VI	Yes	KIA SP-IV M	Yes
GM DEX-VI, P/N 19256039	Yes	Kia SP-IV M (SP4-M)	Yes

OEM Performance	SFU	OEM Performance	SFU
Kia SP-IV-RR	Yes	Mercury XT-6-DSP (SP)	Yes
Kia SPH-IV	Yes	MINI ATF-3+	Yes
Kia NWS 9638	Yes	MINI 83 22 0 142 516	Yes
Kia NWS 9638 T-5	Yes	MINI 83 22 0 397 114	Yes
Kia 040000C90SG	Yes	MINI 83 22 2 152 426	Yes
Land Rover TYK500050	Yes	MINI 83 22 2 289 720	Yes
Land Rover LR0022460	Yes	MINI 83 22 2 163 514	Yes
Land Rover LR023288	Yes	MINI 83 22 2 305 397	Yes
Land Rover LR023289	Yes	Mitsubishi ATF-J3	Yes
Land Rover P/N TYK500050	Yes	Mitsubishi Diaqueen J3	Yes
Lexus ATF WS	Yes	Mitsubishi Diaqueen ATF PA, P/N 4030401	Yes
Lexus FZ	Yes	Mitsubishi Diaqueen ATF-MA1, P/N MZ320775	Yes
Lexus 00289-ATF WS	Yes	Mitsubishi ATF SP-IV	Yes
Lexus JWS 3324	Yes	Mitsubishi ATF SPH-IV	Yes
Lexus NWS 9638	Yes	Nissan Matic Fluid S	Yes
Lexus 08886-02303	Yes	Nissan Matic Fluid P, P/N 999MP-MTP10P	Yes
Lexus 08886-02305	Yes	Nissan Matic R, P/N 999MP-MTR00P	Yes
Lexus 08886-80803	Yes	Nissan Matic S, P/N 999MP-MTS00P	Yes
Lincoln P/N XT-10 QLV (LV)	Yes	Nissan Matic W	Yes
Lincoln XT-6-QSP	Yes	Opel AW1	Yes
Lincoln XT-6-DSP (SP)	Yes	Opel VI	Yes
Maserati 231603	Yes	Opel Dex-VI	Yes
Maserati M1375.4	Yes	Opel 88863400	Yes
Mazda MERCON LV	Yes	Opel 88863401	Yes
Mazda ATF FZ	Yes	Peugeot AW-1	Yes
Mazda 0000-77-122E-01	Yes	Peugeot RP 9734 R7	Yes
Mazda FW 6A EL	Yes	Porsche 000 043 304 00/01	Yes
Mazda FW 6AX EL	Yes	Porsche 000 043 305 43	Yes
MB 236.16	Yes	Porsche 000 043 305 54	Yes
MB 236.17	Yes	Porsche 000 043 306 24	Yes
MB 236.41 (LV)	Yes	Porsche 958 300 540 00	Yes
MB 236.12	Yes	Saab 93 165 147	Yes
MB 236.14	Yes	Saab 93 165 147 AW-1	Yes
MB 236.15	Yes	Saturn AW1	Yes
Mercury P/N XT-10 QLV	Yes	Saturn Dex-VI	Yes
Mercury XT-6-QSP	Yes	Saturn VI	Yes

OEM Performance	SFU	OEM Performance	SFU
Saturn 88863401	Yes	Volvo P/N 31 492 172, 31 492 173	Yes
Saturn 88863400	Yes	VW G 052 533	Yes
Scion Type WS	Yes	VW G 055 005-A	Yes
Shell 134	Yes	VW G 055 005-A1	Yes
Shell M-1375.4	Yes	ZF Lifeguard 6 Plus	Yes
Shell M-1375.5	Yes	ZF # S671 090 281	Yes
Shell M-1375.6	Yes	VW G 055 005-A2	Yes
Shell 3353	Yes	VW G 055 005-A6	Yes
Shell L 12108	Yes	VW G 055 540 (A2)	Yes
Skoda G 055 540	Yes	VW G 055 162-A1	Yes
Skoda G 055 540 (A2)	Yes	VW G 055 162-A2	Yes
Subaru ATF-WS	Yes	VW G 055 162-A6	Yes
Suzuki Matic S	Yes	VW G 060 162	Yes
Suzuki Matic ATF FZ	Yes	VW G 060 162-A1	Yes
Toyota ATF WS (JWS 3324)	Yes	VW G 060 162-A2	Yes
Toyota FZ	Yes	VW G 060 162-A6	Yes
Toyota NWS 9638	Yes	ZF No. S671 090 312	Yes
Toyota 00289-ATFWS	Yes	ZF Lifeguardfluid 6	Yes
Toyota 08886-02303	Yes	ZF Lifeguardfluid 8	Yes
Toyota 08886-02305	Yes	ZF Lifeguardfluid 9	Yes
Toyota 08886-80803	Yes	ZF # S671 090 255	Yes
Volvo P/N 31 256 774, 31 256 775	Yes	ZF # S671 090 312	Yes

STORAGE AND HANDLING GUIDELINES

- Avoid exposing products to direct sunlight.
- Store in cool and dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

HEALTH, SAFETY & ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO. LTD. disclaims any liability in case the product is used with violation of these instructions and warnings or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI® distributor.