



Gulf Multi-Vehicle ATF-LV

Premium Synthetic Multi-Vehicle Automatic Transmission Fluid

Product Description

Gulf Multi-Vehicle ATF-LV is a versatile fully synthetic low viscosity automatic transmission fluid formulated with advanced multi-vehicle additive technology to serve a broad range of vehicles. It provides potential fuel efficiency benefits and meets demanding performance requirements of Automatic Transmission/ Vehicle Manufacturers of Europe, North America and Asia including the JASO Class 1-A-LV performance standard of Japanese Automobile Manufacturers Association (JAMA).

Features & Benefits

- Excellent thermo-oxidative stability, wear protection and resistance to chemical deterioration leads to longer fluid and transmission life
- Low viscosity helps reduce pumping & churning losses and drag effect for improved fuel economy
- Improved anti-shudder properties, torque capacity, low temperature properties coupled with balanced frictional characteristics provide better shift feel and drivability
- Enhanced anti-corrosion properties, excellent foam inhibition and seal protection offers better fluid stability and hardware compatibility
- Minimises cost of inventory and risk of misapplication due to its suitability for varied applications
- Very high Viscosity index and shear stability ensures proper lubrication over wide temperature range

Applications

- Automatic transmissions in vehicles of Asian manufacturers, especially Japanese & South Korean
- North American cars & trucks requiring fluid meeting GM Dexron® VI and MERCON® -LV quality
- Automatic transmissions manufactured by Allison, ZF and others where such fluids are recommended
- Recommended as “Fit-For-Purpose” used in modern Automatic Transmissions of various OEMs (Please refer the next page for detailed Vehicle Model wise recommendation)

Specifications, Approvals & Typical Properties

| Meets Specifications/ Suitable for use (Please also refer next page) | |
|---|---|
| JASO M315 [Class 1-A-LV], JASO M 315 [Class 1A] | AISIN AW-2, JWS 3324 ATF [ATF-0WS] |
| GM DEXRON®-VI [GMW 16444], AW-1, P/N 19256039, Dex HP [GMW 16974], Dex ULV [P/N 19352619], WS [P/N 88863400 / 88863401] | Ford MERCON® -LV [P/N XT-10-QLV], P/N XT-12-ULV [ULV], P/N XT-6-QSP [SP], Spec WSS-M2C922-A1 |
| Toyota Type ATF FZ, JWS 3324, WS [or NWS9638] | BMW ATF 3+, ATF 6 |
| Mercedes-Benz MB 236.12, MB 236.14, MB 236.15, MB 236.16, MB 236.17, MB 236.41 | Nissan Matic P [P/N 999MP-MTP10P], Matic S [P/N 999MP-MTS00P], Matic W |
| VW/Audi G 052 533, G 053 001 A2, G 055 005 A2, G 055 162 A2 or A6, G 055 540 A2, G 060 162 A2, G 060 540 A2 | ZF LifeguardFluid 6 [ZF No. S671 090 255], LifeguardFluid 8 [ZF No. S671 090 312], LifeguardFluid 9 [ZF No. AA01.500.001] |
| Honda/Acura ATF DW-1 P/N 08200-9008, ATF Type 3.0 P/N 08200-9016-A, ATF Type 3.1 P/N 08200-9017 | Mitsubishi , ATF-J3, Dia Queen ATF-MA1 [P/N MZ320775], Dia Queen ATF-PA [P/N 4030401], SP-IV |
| Hyundai/Kia SP-IV-RR, SP-IV | Mazda ATF A7, ATF FZ |
| Porsche P/N 000 043 304 00 | Allison C-4 |

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DEXRON® is a registered trademark of General Motors Corporation

Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

The information contained herein is believed to be correct at the time of publication and may be subject to modification from time to time. It is the user's responsibility to verify that this data sheet is current prior to using the product. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of products. Gulf Oil International reserves the right to modify and change its products and specifications without prior notice.

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| Typical Properties | | |
|-----------------------------------|-------------|----------------|
| Test Parameters | ASTM Method | Typical Values |
| Viscosity @ 100 °C, cSt | D 445 | 5.5 |
| Viscosity Index | D 2270 | 180 |
| Flash Point, °C | D 92 | 183 |
| Pour Point, °C | D 97 | -48 |
| Brookfield Viscosity @ -40 °C, cP | D 2983 | 9800 |
| Density @ 15°C, Kg/l | D 1298 | 0.8362 |

Suitable for use in the following applications:

| OEM | Application | OEM | Application |
|----------|------------------------|---------|---|
| AISIN | JWS 3309 ATF, ATF-0T4, | ATF | 134, 3353, 3100 PL085, 3403-M115, D971, ETL-7045 E, ETL-8072 B, K17, L12108, LA 2634, LT 71141, M-1375.4, M-1375.6, N402 |
| Allison | C2, C3 | ZF | LifeguardFluid 5 (ZF No. S671 090 170), TE-ML 11A, TE-ML 11B |
| Bentley | P/N PY112995PA | BMW | ETL 7045, ETL 7045-E, LA 2634, M-L12108, P/N 81 22 9 400 272/275, P/N 81 22 9 407 858/859, P/N 83 22 0 024 249, P/N 83 22 0 024 359, P/N 83 22 0 026 922, P/N 83 22 0 142 516, P/N 83 22 0 397 114, P/N 83 22 0 402 413, P/N 83 22 0 403 248/249, P/N 83 22 2 152 426, P/N 83 22 2 163 514, P/N 83 22 2 438/440, P/N 83 22 2 289 720, P/N 83 22 2 305 396, P/N 83 22 2 305 397, P/N 83 22 2 355 599, P/N 83 22 2 355 601, P/N 83 22 7 542 290, P/N 83 22 9 407 765, P/N 83 22 9 407 807 |
| Bosch | TE-ML 09 | Citroen | Z 000169756 |
| DAIHATSU | D3-SP | Daimler | Daimler 13C100, Daimler 13C110, Daimler 13C120 |

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|-------------------|---|---------------|--|
| FCA | 8 & 9 Speed ATF, P/N 68218925AA/AB, ASRC, ATF+, ATF+2, ATF+3, ATF+4, AW-1, P/N 68092912AA, Dex-VI, P/N 68043742AA, MB 236.10/12, P/N 05127382AA, P/N 05127382, P/N 68157995AA/AB, P/N 68333587AA, SP-4, P/N 68171866AA, SP-III, SP-IV, P/N 68171866AA, SP-IV, P/N 68171869AA, Type 7176E, Type 9602 | Ford | ESP-M2C138-CJ, ESP-M2C166-H, P/N XT-2-QDX [M], P/N XT-2-QSM [Syn], P/N XT-5-QM [V], P/N XT-5-QSM [V Syn], P/N XT-8-QAW [Premium], P/N XT-9-QMM5 [FRN5] |
| Hyundai/ Kia | ATF RED-1K, ATF SP-IV, Genuine ATF, JWS 3314, P/N 00232-19023, P/N 040000C90SG, P/N 04500-00140, P/N UM040 CH20 Red-1, SP, SP4-M1, SPH-IV, SP-II, SP-III, , WS, spec NWS-9638 | GM | ATF Z1, Saturn P/N 22717466, Dex [GM 6032M], Dex-B [GM 6032M], Dex-IIC [6137M], Dex-IID [GM 6137M], Dex-IIE [GM 6137M], Dex-IIIF [GM 6297M], Dex-IIIG [GM 6417M], Dex-IIIH [GM N10055], P/N 19 40 700, P/N 19 40 767, P/N 21005966, P/N 88900925, P/N 9985010, P/N 9986195, Saturn T-IV Fluid, Saturn P/N 22689186, Type A Suffix A, |
| Honda/ Acura | ATF Z1, P/N 08200-9001, ATF Z1, P/N 08200-9001A | Isuzu | ATF II, ATF III Genuine ATF, P/N 08200-9001, SCS |
| Jaguar | 02JDE 26444, Fluid 8432, JLM 20238, JLM 20292, JLM 21044, K17, Jatco 3100 PL085, WSS-M2C922-A1 | MAN | 339A, 339D, 339F |
| Maserati | Oil No. 231603 | Mazda | Mazda ATF M-5 P/N 0000-23-ATF -M5, ATF N-1, ATF S-1, F-1, JWS3317, M3, Type T-IV, JWS 3309 ATF |
| Mercedes- Benz | A 0019892203, ATF 3403-M115, MB 236.1, MB 236.10, MB 236.11, MB 236.2, MB 236.5H | Mini | ATF JWS 3309, P/N 83 22 0 402 413 |
| Mitsubishi | ATF-J2, Dia Queen AW, DII/DIII, SP, P/N MS991156, SP-II, SP-III | Nissan | Fluid A, Matic D, Matic J (P/N 999MP-MTJ00P), Matic K, N402 |
| Peugeot | P/N Z 000169756 | Porsche | JWS 3309, P/N 000 043 205 28, P/N 000 043 204 63, P/N 999 917 547 00 (A2) or P/N 000 043 205 |
| PSA | AL4 / 4HP20, P/N 9730AE, B71 2340 | Renault | DP-0, Matic D2, SATF-D |
| Rolls Royce | Oil No. PL 31493PA | Saab | ATF HP, JWS 3309, P/N 93 160 393, P/N 93 165 147 |
| Saturn | Dex-IIIG, T-IV Fluid, P/N 22689186 | Ssangyong | DSIH 5M-52, DSIH 5M-66 |
| Subaru | ATF HP, P/N K0140Y0700, P/N SOA635040, ATF-WS | Suzuki | ATF 2326, ATF 2384K, ATF 3314, ATF 3317, ATF 5D06, Matic D, Matic J, Matic S |
| Toyota | JWS 3309, Type T-IV, P/N 08886-81015, Type D-II, Type T, Type T-II, Type T-III | Volvo | P/N 1161521, P/N 1161621, P/N 1161640; P/N 1161540, P/N 31 256 774, 31 256 775 |
| VW/Audi | G 052 162 (-A1, -A2) [AG4], G 052 990 A2, G 055 025 (-A2), G US 000 162 | Land Rover | ATF N402, AW-1 P/N LR0022460: LV, JWS3309US, P/N TYK500050, LR023288/023289 |

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