



100 Celebrating
YEARS

**AUSTRALIAN OWNED AND
TRUSTED SINCE 1926** 

ATF LV (Full Syn)

Last updated: 11/06/2025 9:29 am

PRODUCT CODE	PACK SIZE	CARTON QTY
ATFLV001	1L	6
ATFLV004	4L	4
ATFLV020	20L	
ATFLV060	60L	
ATFLV205	205L	

PRODUCT BENEFITS

ATF Multivehicle LV is the latest generation technology, full synthetic, multi-vehicle, low viscosity automatic transmission fluid meeting the requirements of Ford MERCON®-LV and GM DEXRON®-VI, as well as many other manufacturer specifications. It is an advanced formulation modern high speed automatic transmission fluid designed for optimum performance and outstanding high temperature resistance. It provides 2.5 x times the smooth shift durability over the life of the fluid compared to the industry standard anti shudder test.

APPLICATION

ATF Multivehicle LV is suitable for long drain use in 4, 5 & 6 + speed automatic transmissions in passenger cars, 4WD's and light duty commercial vehicles.

ATF LV is particularly suitable for use in GM Hydra-Matic transmissions, requiring GM DEXRON®-VI from MY 2006 onwards, such as Holden VE/VF Series as well as in late model Ford transmissions requiring Ford MERCON®-LV, as used in Ford Kuga petrol 1.6 4WD, Territory SZ diesels and Ford Ranger PX models. It can also be used in Toyota/Lexus vehicles that specify Type WS fluids, Kia/Hyundai/Mitsubishi vehicles requiring SP-IV and in other applications where low viscosity fluids are required. These include in some Nissan, Honda and BMW models.

ATF LV is backwards compatible with all previous GM DEXRON® recommendations. It can be used to top up systems that require older specification automatic transmission fluids such as DEXRON®-III, MERCON®, JWS 3309 (Type T-IV), LT 71141, Chrysler ATF +4 and many others. It is also suitable for power steering systems requiring automatic transmission fluid as well as rotary vane and screw type compressors and hydraulic systems requiring an ISO 32 oil.

Note:

- *ATF LV Replaces ATF DX VI*
- *Please refer to Penrite Recommendation Guide for the correct applications*
- A 58mm cap with pouring tap is available to fit 20 litre packs <https://penriteoil.com.au/products/58mm-plastic-tap>

PRODUCT BENEFITS

- Designed to meet friction requirements for low viscosity fluids
- 2.5 x times smoother shift over the life of the fluid**
- Extends transmission life through superior wear protection
- Improved power transfer, fuel economy & reduced deposit formation
- Extended service life through the use of synthetic base oils and shear stable formulation
- Maximises equipment life by maintaining wear protection and oil film strength throughout the drain interval
- Compatible with all seal types

**JASO M349 industry anti shudder test





**AUSTRALIAN OWNED AND
TRUSTED SINCE 1926** 

PRODUCT PERFORMANCE LEVELS

- Aisin AW-1
- Aisin AW-2
- AISIN NWS 9638
- AISIN WARNER AW-1
- AW-1
- BMW Part No 83 22 0 397 114
- BMW Part No 83 22 0 397 859
- BMW Part No 83 22 9 407 858
- DEXRON®-VI
- Ford M2C922-A1
- Ford M2C938-A
- Ford MERCON® LV
- GM DEXRON®-VI
- Honda DW-1
- Hyundai SP-IV
- Hyundai SP-IV M (SP4-M)
- Infiniti Matic S
- Isuzu ATF WSI
- JASO 1A
- JASO 2A-02
- JWS 3324
- Kia SP-IV
- Kia SP-IV M (SP4-M)
- M2C922-A1
- M2C938-A
- Mazda ATF FZ
- MB 236.41
- Mitsubishi ATF-MA1
- Mitsubishi DiaQueen J2
- Mitsubishi DiaQueen J3
- Mitsubishi DiaQueen PA
- Mitsubishi MM PA
- Mitsubishi SP-IV
- Nippon AW-1
- Nissan Matic S
- Nissanmatic R
- Toyota WS
- VW G 055 540

SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED (FOR OUT OF WARRANTY SERVICE)

- AW-2
- Mazda ATF A7

TYPICAL DATA

Colour	Dark Red
Density at 15°C, kg/L	0.846
Viscosity, Kinematic, cSt at 40°C	28.0
Viscosity, Kinematic, cSt at 100°C	5.7
Viscosity Index	147
Viscosity, Brookfield, cSt @ -40°	10,820
Phosphorus, Mass %	0.017