



# PENRITE



85% REDUCTION IN LANDFILL WASTE

## ATF FS (Full Syn.)

Last updated: 04/10/2018 8:49 am

PRODUCT CODE	PACK SIZE	CARTON QTY
ATFFS001	1L	6
ATFFS004	4L	4
ATFFS020	20L	
ATFFS020BOX	20L	
ATFFS060	60L	
ATFFS205	205L	



### PRODUCT BENEFITS

**ATF FS Multi Vehicle** is a full synthetic, highly shear stable, multi vehicle, red coloured, automatic transmission fluid that exceeds the requirements of Ford Mercon®V and GM Dexron®IIIH as well as many other manufacturers requirements. It is an advanced formula designed for optimum performance, outstanding high temperature resistance and it provides 5 x times the smooth shift durability over the life of the fluid compared to the industry standard anti shudder test.

### APPLICATION

**ATF FS Multi-Vehicle** is particularly suitable for long drain use in 4, 5 & 6 + speed automatic transmissions in passenger cars, 4WD' and light commercial vehicles.

**ATF FS Multi-Vehicle** can be used in European transmissions, heavy duty automatic transmissions such as ZF, Citroen, Mercedes Benz, Renault, Volvo and VAG (Volkswagen Automotive Group) vehicles, as well as other European manufacturers (such as Volvo, Ford and Jaguar) that use Aisin or JATCO automatic transmissions.

**ATF FS Multi-Vehicle** can be used in Toyota vehicles that specify Type T-II, Type T-III and Type T-IV, as well as in Nissan vehicles where Nissan Nissanmatic C, D, J, K & S\* are required. Suitable for use in Mitsubishi where SP2/SP3/PA is specified as well as in selected Honda, Hyundai, Subaru & Kia motor vehicles including applications where low viscosity fluids are required.

**ATF FS Multi-Vehicle** can be used in GM Holden Astra, Barina, Zafira and Vectra 4 and 5 speed automatic transmissions. It can also be used in Chrysler / Dodge & Jeep automatic transmissions where ATF+3® or ATF+4® fluids are required. It can also be used where GM DEXRON® II/III & VI fluids are recommended by the manufacturer.

**ATF FS Multi-Vehicle** can be used in power steering systems, rotary vane and screw type compressors, hydraulic systems and manual transmissions where GM DEXRON® type fluids are specified and/or where high temperatures may be experienced such as in competition.

### Please Note:

- Not for use in 6 and 8 speed ZF transmissions or 7 speed Mercedes Benz transmissions.
- Not for use in Direct-Shift or Dual Clutch Gearboxes (DSG/ DCT) or Continuously Variable Transmissions (CVT)
- Please refer to Penrite Recommendation Guide for the correct applications

\* friction characteristic of Nissanmatic S, Kia SP4, Hyundai SP4, Toyota WS & DEXRON® VI

### PRODUCT BENEFITS

- 5 x times smooth shift durability over the life of the fluid\*\*
- Designed to meet friction requirements of low viscosity fluid
- Prevents clutch shudder in modulated torque converters
- Extended oil drain intervals
- Stable synthetic base oil that resists oxidation
- Extends transmission life through superior wear protection
- Compatible with a wide range of seal materials
- Maximises equipment life by maintaining wear protection
- Maintains oil film strength throughout the drain interval
- Improved power transfer and fuel economy
- Reduced deposit formations



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WASTE**

*\*\*JASO M349 industry anti shudder test*

## **INDUSTRY & MANUFACTURER'S SPECIFICATIONS**

- Allison C-4
- Allison TES-295
- Allison TES-389
- BMW 275
- BMW 807
- BTR 91LE
- BTR 95LE
- Chrysler ATF+3
- Chrysler ATF+4
- Chrysler MS-7176E (ATF+3)
- Chrysler MS-9602 (ATF+4)
- DEXRON®-IIIF
- DEXRON®-IIIG
- DEXRON®-IIIH
- Esso JWS 3309
- Ford MERCON® V
- GM 6297M
- GM DEXRON®-IIIF
- GM DEXRON®-IIIG
- GM DEXRON®-IIIH
- GM GMN10055
- Holden HN 2126
- Holden HN 2287
- Holden HN 2414
- Honda ATF 89
- Honda ATF 96
- Honda ATF Z1
- Honda P/N 08208-99915
- Hyundai 05243-33000
- Hyundai SP-II ATF
- Hyundai SP-III
- Kia SP-III
- LT 71141
- M2C202-B
- M2C919-E
- M2C924-A
- MAN 339 Type V-1
- MAN 339 Type Z-1
- Mazda M-III Fluid
- Mazda MV
- MB 236.1.
- MB 236.10
- MB 236.11
- MB 236.2.
- MB 236.5.
- MB 236.7.
- MERCON® V
- Mitsubishi SP-II
- Mitsubishi SP-III
- MS-7176E
- MS-9602
- Nissan Matic C
- Nissan Matic D
- Nissan Matic J
- Nissan Matic K
- Proton ATF-SP
- Renault 7711 218 368
- Subaru
- Toyota T-II
- Toyota T-III
- Toyota T-IV
- Volvo 3344208
- Volvo 97341
- VW 052990
- ZF TE-ML 11 Special Fluids
- ZF TE-ML 11B
- ZF TE-ML 14B

## **TYPICAL DATA**

Colour	Dark Red
Density at 15°C, kg/L	0.848
Viscosity, Kinematic, cSt at 40°C	36.0
Viscosity, Kinematic, cSt at 100°C	7.4
Viscosity Index	178
Viscosity, Brookfield, cSt @ -40°	13,000
Boron, Mass %	0.014
Phosphorus, Mass %	0.031