



# ATF FS FULL SYNTHETIC MULTI-VEHICLE AUTO TRANS FLUID

Full Synthetic Automatic Transmission Fluid

Issue: May 2017

Product Code	Pack Size	Ctn / Qty
ATFFS001	1 Litre	6
ATFFS004	4 Litre	4
ATFFS020	20 Litre	1
ATFFS060	60 Litre	1
ATFFS205	205 Litre	1

## Product Description

**ATF FS Multi Vehicle** is a full synthetic, highly shear stable, dark red coloured, automatic transmission fluid meeting the requirements of Ford Mercon® V and exceeding GM Dexron®-IIIH, as well as many other manufacturer requirements. It is an advanced formula designed for optimum performance and outstanding high temperature resistance.

## Application

**ATF FS Multi Vehicle** is particularly suitable for long drain use in 4, 5 & 6 + speed automatic transmissions in passenger cars, 4WD's 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 are required. Suitable for use in Mitsubishi where SP2/SP3 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 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 Gearboxes (DSG) or Continuously Variable Transmissions (CVT). Please refer to Penrite Recommendation Guide.

## Product Benefits

- 5 x times smooth shift durability over the life of the fluid\*\*
- Designed to meet friction requirements for low viscosity fluids
- 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

\*\*JASO M349 industry anti shudder test



PENRITE



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## Industry Specifications

**PENRITE**



MANUFACTURER	SPECIFICATION	MANUFACTURER	SPECIFICATION
<b>Allison</b>	Allison C-4 TES-389/295	<b>Kia</b>	Kia SP-III
<b>BMW</b>	BMW 275 BMW 807	<b>MAN</b>	MAN 339 Type Z-1 MAN 339 Type V-1
<b>BTR</b>	BTR 85LE BTR 91LE BTR 95LE	<b>Mazda</b>	Mazda MV Mazda M-III
<b>Chrysler</b>	Chrysler ATF+3 Chrysler ATF+4	<b>Mercedes-Benz</b>	MB 236.1 MB 236.2 MB 236.5 MB 236.6 MB 236.7 MB 236.10 MB 236.11
<b>Ford</b>	Ford M2C924-A Ford MERCON® Ford MERCON®-V Ford M2C919-E Ford WSS M2C202-B	<b>Mitsubishi</b>	Mitsubishi SP-II Mitsubishi SP-III
<b>GM</b>	GM 6297M GMN10055 GM DEXRON®-II GM DEXRON®-III F/G/H Holden HN 2287 Holden HN 2414 Holden HN 2126	<b>Renault</b>	Renault 7711 218 368
<b>Honda</b>	Honda ATF 89, Honda ATF 96 Honda ATF Z1	<b>Toyota</b>	Toyota T-II Toyota T-III Toyota T-IV
<b>Hyundai</b>	Hyundai 05243-33000 Hyundai SP-II Hyundai SP-III	<b>Subaru</b>	Subaru
<b>JASO</b>	JASO 1A	<b>Volvo</b>	Volvo 3344208 Volvo 97341
		<b>VW</b>	VW 052990 VW Part No. G 052 162A
		<b>Proton</b>	Proton ATF-SP
		<b>ZF</b>	ZF TE-ML-11B ZF TE-ML-K14B ZF TE-ML-11 Special Fluids ZF Lifeguard Fluid 5

### Typical Data

Density at 15°C, kg/L	0.848
Viscosity, Kinematic, cSt	
at 40°C	36
at 100°C	7.4
Viscosity Index	178
Viscosity, Brookfield @ -40 °C	13,000
Colour	Dark Red
Phosphorus, mass %	0.031
Boron, mass %	0.014

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

