



# Product Information

## ATF FM5

**Codes: ATFFM5004**

**Issue: January 2010**

A full synthetic, highly shear-stable automatic transmission fluid approved against the requirements of Ford MERCON®-V and exceeding General Motors DEXRON®-IIIH.

### Application

Penrite ATF FM5 is recommended and approved for use in automatic transmissions during the warranty period of all Ford motor vehicles sourced from the USA since 1997. Specific examples include the 5 speed automatics in the Ford FG Falcon series, Focus and also in Explorer 4WD and F-Series light trucks.

Other applications include service fill and top up in:

- Highly stressed Holden Commodore and Toyota Lexcen automatic transmission and power steering units.
- Ford BTR 4 speed automatic transmissions under high heat loads
- Mazda automatic transmissions including those that require M-V during warranty.
- Chrysler automatic transmissions requiring ATF+3® or ATF+4® fluids Mitsubishi automatic transmissions
- Honda vehicles that specify ATF '89 (to 1996)
- Nissan vehicles requiring Nissanmatic C, D or J.
- Newer Toyota motor vehicles requiring fluid to T-IV specification.

All car and light automatic transmissions, heavy duty automatic transmissions, power steering systems, rotary vane and screw type compressors, hydraulic systems and manual transmissions where DEXRON® type fluids are specified and/or where high temperatures may be experienced such as in competition.

### Customer Benefits

- Extends transmission life through superior wear protection.
- Smooth gear changes over the life of the fluid
- Prevents clutch shudder in modulated torque converters
- Excellent anti-foam characteristics.
- Less deposit formation due to use of effective oxidation inhibitors.
- Long service life through the use of fully synthetic base oils and shear stable formulation.
- OEM approved to the latest specifications

### Industry Specifications

Penrite ATF FM5 meets the performance requirements of:

Ford MERCON®-V (Ford M2C202-B/Approval Number M5091006)  
DEXRON®-III (GM 6297M, "H" Specification, GMN 10055)  
Chrysler MS-7176E, MS-9602 Allison C-4  
JASO 1A Allison TES-389  
Honda ATF '89 Mazda MV

## Typical Properties

Density at 15°C, kg/L	0.852
Viscosity, Kinematic, cSt at 40°C	34
at 100°C	7.2
Viscosity Index	183
Viscosity, Brookfield @ -40 °C	11, 977
Colour	Red
Phosphorus, mass %	0.065
Boron, mass %	0.027

### Environment, Health and Safety

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.  
**Issued January 2010**