



Product Data

## Castrol ATF Multivehicle

Multivehicle Automatic Transmission Fluid

### Description

ATF Multivehicle is an automatic transmission fluid for use in most Japanese passenger cars which typically have higher anti-shudder performance requirements than European or US designed automatic transmissions. It was designed to meet the Japanese Automobile Standards Organisation performance needs (JASO 1A) which is recognised by most Japanese Automobile Manufacturers.

### Advantages

ATF Multivehicle is based on latest high performance additive technology in high quality base stocks to ensure:

- Exceptional high temperature protection to effectively resist fluid oxidation (excellent viscosity stability)
- Enhanced friction durability for smooth transmission performance to control transmission shudder
- Superb low temperature fluidity for cold weather shifting

### Typical Characteristics

Name	Method	Units	ATF Multivehicle
Density @ 15C, Relative	ASTM D1298	g/ml	0.85
Colour, Visual	Visual	-	red
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	35
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	7.1
Viscosity Index	ASTM D2270	None	168
Pour Point	ASTM D97	°C	-45
Viscosity, Brookfield @ -40C	ASTM D2983	mPa.s (cP)	15000
Flash Point, COC	ASTM D92	°C	220

## Product Performance Claims

JASO 1A

Recommended for use where:

- Toyota T, T II, T III, T IV, WS
- Nissan Matic D, J, S
- Mitsubishi SP II, IIM, III, PA, J3, SP IV
- Mazda ATF M-III, M-V, JWS 3317, FZ
- Subaru F6, Red 1
- Daihatsu AMMIX ATF D-III Multi, D3-SP
- Suzuki AT Oil 5D06, 2384K, JWS 3314, JWS 3317
- Hyundai/Kia SP III, SP IV
- Aisin Transmissions requiring JWS 3309
- Honda/Acura DW 1/Z 1
- Isuzu (where Toyota T-IV is required)

is required.

## Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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