



# ASTRIS ATF GLOBAL

## Synthetic Automatic Transmission Fluid - with Multi-Vehicle Technology

The product is manufactured with components and additives of the newest generation and thereby guarantees superior performance compared to other conventional ATF's.

The multi-vehicle technology was developed to service a broad range of vehicles. It is compatible with most high-performance automatic transmissions and can be used with older vehicles.

This ATF provides excellent performance and practical solutions for a complex market. As a result, you can reduce costs and the risk of improper uses.

In order to meet the requirements of modern transmissions, this product offers the newest friction modifier technology with additional improved anti-flatter properties. This guarantees soft and smooth switching over a long period of time.

### Properties and features

- Multi-vehicle technology with an extremely broad range of application.
- Very high stability of the friction values, also with extended oil drain intervals.
- Excellent protection of the automatic transmission due to excellent oxidation and wear protection.
- Particularly shear-resistant fluid.
- Soft and smooth gear-shifting during the entire operating time.
- Extremely good cold flow properties.
- It can also be used in many power steering systems due to its innovative formulation.

### Applications

Special multi-vehicle ATF for use in automatic transmissions of cars and commercial vehicles. Depending on the manufacturer specifications, it is suitable for extended oil change intervals.

Due to the modern formulation, this ATF can also be used in many power steering systems (cf. page 2).

**NOT** suitable for CVT- Continuously Variable Transmissions and DCT - Dual Clutch Transmissions.

**Observe manufacturers specifications and instructions before use.**

### Specifications

- GM DEXRON®-III H, III G, II D
- FORD MERCON®, MERCON® V
- ALLISON C-4
- JASO 1A M315
- MAN 339 L-1
- MAN 339 Z-1, Z-2, Z-11
- MAN 339 V-1, V-2
- MB 236.6
- VOLVO 97341, 97340
- VOITH H55.6336 (G 1363)
- ZF TE-ML 04D, 14B, 16L, 16R, 20B, 25B

### Performance level:

- ALLISON TES-295, 389
- BMW ETL-7045E, ETL-8072B LA2634, LT71141
- CHRYSLER ATF +3, ATF +4
- DAIMLER NAG-1 (3403)
- FORD M, FNR5, XL-12
- IDEMITSU K17 (Jatco 3100 PL085)
- HYUNDAI SP-II, SP-III
- HONDA ATF-Z1
- JATCO 3100 PL085
- JWS 3324, 3317, 3314, 3309 (Aisin Warner)
- KIA SP-II, SP-III, Red-1
- MB 236.10/.11/.12/.14/.15
- MITSUBISHI SP-II, SP-III
- Mopar AS68RC
- MAZDA ATF-M III, ATF-M V
- NISSAN N402, MATIC-D/J/K
- PSA AL-4
- Renault DP-0
- SUBARU ATF, ATF-HP
- SUZUKI 3314, 3317
- TOYOTA/LEXUS WS (JWS 3324)
- TOYOTA T-II, T-III, T-IV
- VOLVO (4, 5, 6 Speed AT)
- VW (AUDI) G 052 162 A1/A2, G 052 990, G 055 025 A2, G 055 540
- ZF TE-ML 03D, 05L, 09, 11A, 14A, 11B, 17C, 21L
- ZF HP-6, HP-8



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Use as **POWER STEERING fluid**

## Performance level / suitable for use:

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- ACURA P/N 08206-9002A
- CHRYSLER MS-1872, MS-5931, MS-9602, MS 10838
- FORD M2C195-A, FORD M, FORD XL-12
- GM P/N 89021184, P/N 1052884, P/N 12345866 GM 9985010, GM 9985835
- HYUNDAI PSF-3
- KIA PSF-3
- MB 236.3, P/N 000 989 88 03, ATF 3403
- MITSUBISHI PS FLUID, DIAMOND SP III
- NISSAN PSF-II
- SAAB P/N (45) 30 09 800
- SUBARU P/N K0209A0080
- TOYOTA PSF Type EH, P/N 008886-01

Observe manufacturer's specifications and instructions before use.

Technical data		Unit	Method
Color	red		ASTM D 1500
Density at 15°C	0,852	g/cm <sup>3</sup>	ASTM D 1298
Viscosity at 40°C	34	mm <sup>2</sup> /s	ASTM D 445
Viscosity at 100°C	7,3	mm <sup>2</sup> /s	ASTM D 445
Viscosity after shear KRL 20 hours	6.3	mm <sup>2</sup> /s	CEC-L-45-A-99
Viscosity index	188		ASTM D 2270
Brookfield viscosity at -40°C	12'000	cP	ASTM D 2983
Flash point C.O.C.	204	°C	ASTM D 92
Pour point	-48	°C	ASTM D 97

## Health, safety and environment

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ADR / SDR : Not dangerous

EU Waste List Code : 13 02 08