

## HIGHTEC ATF 9000

Multi-functional, high-performance Automatic Transmission Fluid (ATF) for use in 'stepped' automatic transmissions from European, American and Asian manufacturers in passenger cars and commercial vehicles.

### Description

HIGHTEC ATF 9000 is a high-performance ATF with an extremely wide range of applications in modern 'stepped' automatic transmissions. Its exceptional performance capacity is achieved through the interaction of the most advanced additives and specially selected HC synthetic oils.

### Application

HIGHTEC ATF 9000 is a multi-functional ATF that combines the requirements of the most common specifications from American, European and Japanese manufacturers.

### Approvals

- MAN 339 Type V1/Z11/Z2
- MB-Freigabe 236.9
- Voith 55.6335.xx (G607)
- ZF TE-ML 04D, 14B, 16L, 16R, 20B, 25B (ZF registration No. ZF001937)

### The quality of this product is equivalent to EU regulations

- DEXRON IIIH
- MERCON/MERCON V
- Allison C-4
- MB 236.6
- ZF TE-ML 17C

### Additionally this product is recommended when the following filling instructions are required

- Aisin Warner JWS 3309/3314
- Allison TES 295/TES 389
- BMW LA-2634/LT-71141/ETL 7045 E
- Chrysler ATF+3/+4
- Ford M2C195-A/202-B/922-A1/WSS-M2C924-A/938-A
- GM 9986195
- Honda Z1
- Hyundai/Kia/Mitsubishi SP-II/-III
- MAN 339 Type V2/Z3
- MB 235.71/236.8/236.10/236.11/236.91
- Nissan Matic-D/J/K
- Toyota T-IV/JWS 3309
- Voith H55.6336.xx (G1363)
- Volvo 97341/Volvo 5-Speed (1161540)
- VW 50 160/TL 52 162/G 052 990/G 055 025
- ZF TE-ML 02F, 11B, 14C

### Benefits

- Outstanding ATF economy grade
- Elimination of incorrect scheduling
- Simplified warehousing procedures
- Excellent shifting characteristics at low temperatures
- Permanently high friction coefficient level
- The best wear protection properties for reliable operation and the longest service life
- Outstanding ageing and oxidation stability
- Minimal tendency to foam
- Reliable protection against corrosion, wear, sludge accumulation and adhesion
- Neutral behaviour towards gasket materials
- Miscible and compatible with other ATF. However, in order to exploit the full product benefits of HIGHTEC ATF 9000, a complete transmission fluid change is strongly recommended.

### Notices

HIGHTEC ATF 9000 is not suitable for use in DCT/DSG (dual-clutch) or CVT (continuously variable or 'non-stepped' automatic) drives.

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## HIGHTEC ATF 9000

### Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,85
Color	visuell	-	rot / red
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	34,0
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	7,2
Viscosity index	ASTM D-7042	-	185
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	195
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-42
CCS	ASTM D-5293	cP @ °C	5300 @ -35

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms ([www.rowe.com.de](http://www.rowe.com.de)).

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