PRODUCT INFORMATION

ROWE®

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

- DTFR 13C170 (ex. MB 236.9)
- MAN 339 Type V1/Z11/Z2
- Voith 55.6335.xx (G607)
- ZF TE-ML 04D, 14B, 20B, 25B (ZF registration No. ZF001937)

Specifications

- DEXRON IIIH
- MERCON/MERCON V
- Allison C-4
- MB 236.6
- ZF TE-ML 16L, 16R, 17C

ROWE recommendations

- Aisin Warner JWS 3309/3314
- Allison TES 295/TES 389
- BMW LA-2634/LT-71141/ETL 7045 E
- Chrysler ATF+3/+4
- DTFR 13C110 (ex. MB 236.11)/DTFR 13C150 (ex. MB 236.8)/DTFR 13C180 (ex. MB 236.91)
- 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 235.71/236.10
- 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

Advantages

- 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.

Notes

- Not suitable for use in DCT/DSG (dual-clutch) or CVT (continuously variable) transmissions.

ROWE MINERALÖLWERK GMBH
Langgewann 101, D-67547 Worms

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Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.85
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	7,2
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	34,0
Viscosity index	ASTM D2270	-	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
Color		visual	rot / red

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

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