PRODUCT INFORMATION

ROWE®

HIGHTEC ATF 9004

High-performance Automatic Transmission Fluid (ATF) specially adapted to the comfort and friction coefficient requirements for Mercedes-Benz 7-speed automatic transmissions.

Description

HIGHTEC ATF 9004 is an high-performance ATF based on the most advanced additives and specially selected HC synthetic oils. It has been specially adapted to the requirements for Mercedes-Benz 7-speed automatic transmissions (NAG-2).

Application

HIGHTEC ATF 9004 has been adapted to the special requirements for Mercedes-Benz 7-speed automatic transmissions (NAG-2, model 722.9). Its optimised friction system ensures smooth shifting operations, even when the vehicle is driven at full power, and is maintained over the entire service interval. HIGHTEC ATF 9004 is backwards compatible with the former MB 236.12 and replaces this in almost every case (observe the manufacturer's fluid filling specifications!). HIGHTEC ATF 9004 ensures noticeably improved ease of shifting, especially in rear-wheel drive vehicles with 5-gear automatic transmissions and a regulated converter lockup clutch (model 722.6). HIGHTEC ATF 9004 is also recommended for vehicles equipped with an MB automatic transmissions from other manufacturers (e.g. Chrysler Crossfire, Ssang Yong, etc.).

ROWE recommendations

- Hyundai/Kia Red-1K
- MB 236.14, MB 236.12
- SSANG YONG

Advantages

- Adapted friction coefficient behaviour for smooth shifting operations
- Prevention of annoying friction vibrations and grinding during shifting in a reliable manner
- Excellent friction coefficient stability over the entire service interval
- Excellent shifting characteristics at low temperatures
- 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 9004, a complete transmission fluid change is strongly recommended.

Notes

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

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Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.844
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	6,5
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	32,7
Viscosity index	ASTM D2270	-	157
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	224
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-44
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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