

## 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.).

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

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

### Benefits

- 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.

### Notices

HIGHTEC ATF 9004 is not suitable for use in DCT/DSG (dual-clutch) or CVT (continuously variable or 'non-stepped' automatic) drives.

### Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,844
Color	visuell	-	rot / red
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	32,7
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	6,5
Viscosity index	ASTM D-7042	-	157
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	224
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-44

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).

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