PRODUCT INFORMATION

ROWE®

HIGHTEC ATF 9005

Low-viscosity, high-performance ATF (automatic transmission fluid) for efficient operation.

Description

HIGHTEC ATF 9005 is a high-performance ATF (automatic transmission fluid) with reduced viscosity, based on a special base oil blend of HC synthetic oils and fully synthetic PAOs (polyalphaolefins). Its optimized friction profile ensures smooth shifting, even under full power, and remains effective throughout the entire oil change interval. The reduced viscosity and optimized viscosity-temperature behavior enable efficient operation.

Application

HIGHTEC ATF 9005 has been adapted to the specific requirements of Mercedes-Benz 7-speed automatic transmissions (NAG-2/type 722.9 from 21 June 2010). According to the manufacturer's specifications, HIGHTEC ATF 9005 can also be used in many other automatic transmissions, e.g. 8-/9-/10-speed automatic transmissions. HIGHTEC ATF 9005 is not backward compatible with earlier ATF specifications.

ROWE recommendations

- Aisin Warner AW-2
- BMW 83 22 2 413 477 (ATF7)
- DEXRON ULV
- Ford M2C949-A, XT-12-ULV
- Mazda ATF A7
- MB 236.15
- Nissan Matic P
- PSA 16 350 560 80
- Volvo 31 492 172, 31 492 173
- VW G 053 001
- VW G 060 540

Advantages

- Designed with reduced viscosity for efficient operation
- Optimized friction characteristics for smooth shifting
- Reliably prevents friction vibrations and jerky shifting
- Excellent friction coefficient stability throughout the entire oil change interval
- Excellent low-temperature shifting performance
- Best-in-class wear protection properties for reliable performance and maximum service life
- Maximum oxidation and aging stability thanks to a special base oil formulation combining HC synthetic and fully synthetic PAO base oils
- Minimized foaming tendency
- Provides reliable protection against corrosion, wear, sludge formation, and sticking
- Neutral toward sealing materials
- Miscible and compatible with other ATFs of the same specification. However, to fully realize the product benefits of HIGHTEC ATF 9005, a complete oil 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	0.843
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	5,3
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	24,3
Viscosity index	ASTM D2270	-	165
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	200
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-44
Color		visual	blau / blue

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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