

HIGHTEC ATF 9005

Low viscosity, high-performance ATF (Automatic Transmission Fluid) for maximum fuel efficiency.

Description

HIGHTEC ATF 9005 is a high-performance ATF (automatic transmission fluid) with reduced viscosity based on a special base oil composition of HC synthetic oils and fully synthetic PAOs (polyalphaolefins). Its optimised friction coefficient system ensures comfortable gear changes, even at full power, and remains effective throughout the entire change interval. The reduced viscosity and optimised viscosity-temperature behaviour enable a significant reduction in consumption and CO2 emissions.

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

- Reduced viscosity for maximum fuel efficiency
- Adapted friction coefficient behaviour for smooth shifting operations
- Prevention of friction vibrations and grinding when 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
- Highest oxidation and ageing stability due to a special base oil composition made of HC synthetic and fully synthetic PAO base oils
- Minimal tendency to foam
- Reliable protection against corrosion, wear, sludge accumulation and adhesion
- Neutral behaviour towards gasket materials
- Miscible and compatible with other ATF of the same specification. However, in order to exploit the full product benefits of HIGHTEC ATF 9005, a complete oil change is strongly recommended.

Notes

- HIGHTEC ATF 9005 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	0.843
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	5,3
Kinematic viscosity KV 40	ASTM D-7042	mm ² /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).

