PRODUCT INFORMATION

ROWE®

HIGHTEC ATF 4000

Multi-functional Automatic Transmission Fluid (ATF) of the DEXRON IID generation.

Description

HIGHTEC ATF 4000 is an Aulti-functional Automatic Transmission Fluid (ATF) of the DEXRON IID generation. Its good performance capacity is achieved through the interaction of selected mineral base oils and special additives. For use in automatic transmissions, steering systems and hydraulics in passenger cars, commercial vehicles and construction machinery.

Application

HIGHTEC ATF 4000 is used in a variety of units according to the manufacturer's specification. It is thus used in manual and automatic transmissions, power steering systems, power-shift clutches as well as in power transmission fluid in many hydraulic applications.

Specifications

- DEXRON IID
- MERCON
- Allison C-4
- Caterpillar TO-2
- DTFR 13C100 (ex. MB 236.1)
- MAN 339 Type Z1, 339 Type V1
- MB 236.5
- Voith 55.6335.xx (G607)
- ZF TE-ML 09, 11A, 14A

ROWE recommendations

- Type A Suffix A (TASA)
- DTFR 13C140 (ex. MB 236.7), MB 236.6, DTFR 13C120 (ex. MB 236.2)
- Ford M2C138-CJ, M2C166-H
- Volvo 97335

Advantages

- Good economy grade for multi-functional use in many units
- Very good friction coefficient stability
- Very good shifting characteristics at low temperatures
- Good wear protection properties for reliable operation and service life
- Very good ageing and oxidation stability
- Minimal tendency to foam
- Protection against corrosion, wear and deposits
- Neutral behaviour towards gasket materials
- Miscible and compatible with other ATF. However, in order to exploit the full product benefits of HIGHTEC ATF 4000, a complete transmission fluid change is 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	0.855
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	7,5
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	38
Viscosity index	ASTM D2270	-	180
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	215
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-41
CCS	ASTM D-5293	cP @ °C	8000 @ -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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