



# RAVENOL Multi ATF HVS Fluid

**Kategorie:** Gear oil for automatic transmissions

**Artikelnummer:** 1211144

**Oil type:** Synthetic



**1L | 1211144-001**

**4L | 1211144-004**

**10L | 1211144-010**

**20L | 1211144-020**

**60L | 1211144-060**

**208L | 1211144-208**

**Recommendations:** Aisin Warner Automatic Gearbox, Allison C3, Allison C4, Allison TES-389, ATF LA 2634, ATF SP-III, BMW ATF 4, Caterpillar TO-2, GM Dexron® III F, GM Dexron® III H, DTFR 13C100 (MB 236.1), DTFR 13C110 (MB 236.11), DTFR 13C120 (MB 236.2), DTFR 13C140 (MB 236.7), DTFR 13C170 (MB 236.9), DTFR 13C180 (MB 236.91), DTFR 38B100 (MB 236.3), ESSO JWS3317, ESSO LT 71141, Fiat 9.55550-AV1, Ford M2C-138 CJ, Ford M2C-166H, Ford M2C-185A, Ford MERCON®, Ford MERCON®V, Ford Motorcraft XT-1-QF, Ford WSS-M2C919-E, Ford WSS-M2C922-A1, Ford WSS-M2C924-A, JWS 3309, MAN 339 A, MAN 339 L1, MAN 339 V1, MAN 339 Z1, MAN 339 Z2, Mazda M-III, MB 236.1, MB 236.10, MB 236.11, MB 236.2, MB 236.3, MB 236.5, MB 236.6, MB 236.7, MB 236.9, MB 236.91, Mopar, Texaco ETL 7045E, Texaco ETL 8072B, Texaco N402, Texaco TL 4634, VW TL 52025, VW TL 52162, VW TL 52990, VW TL 55025, ZF S671 090 170, ZF TE-ML 02F, ZF TE-ML 03D, ZF TE-ML 04D, ZF TE-ML 05L, ZF TE-ML 11A, ZF TE-ML 14A, ZF TE-ML 14B, ZF TE-ML 16L, ZF TE-ML 16R, ZF TE-ML 17C, ZF TE-ML 20B, ZF TE-ML 25B

**Application:** Truck, Passenger car

**RAVENOL Multi ATF HVS Fluid** is a synthetic multi-function automatic transmission oil ATF based on highly developed synthesis technology for longest change intervals for automatic transmissions and manual transmissions, in torque converters and numerous power steering systems.

**RAVENOL Multi ATF HVS Fluid** is suitable for maximum change intervals in automatic transmissions, steering and clutch systems, hydraulics and power take-offs of cars and commercial vehicles when oil with high viscosity is required.

## Application instructions

**RAVENOL Multi ATF HVS Fluid** is a product with a very wide manufacturer coverage and can be used in almost all conventional automatic transmissions with shift groups.

Not suitable for CVT automatic transmissions.

**RAVENOL Multi ATF HVS Fluid** is an automatic transmission fluid for longest oil change intervals.

**RAVENOL Multi ATF HVS Fluid** can be used in a wide range of applications to meet the requirements of Ford, GM, Toyota, Honda, Nissan, Hyundai, KIA, BMW, Mercedes, Volvo, VW, Audi and others. It will be used if no suitable original oil or RAVENOL Professional Line oil is available. Observe the manufacturer's instructions.

## Characteristics

- Very good lubricity even at low temperatures in winter

- A high, stable viscosity index
- Very low pour point
- Very good oxidation stability
- Protection against wear, corrosion and foaming
- Well-coordinated friction properties
- Neutral behavior towards sealing materials
- Neutral behavior due to inhibition against non-ferrous metals

## Technical Product Data

CHARACTERISTICS	PROPERTY	DATA	AUDIT
Colour		rot	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	7,0	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	37,1	DIN 51562-1
Viscosity Index VI		153	DIN ISO 2909
Brookfield Viscosity at -40 °C	mPa*s	18.930	ASTM D2983
Copper Strip Test at 121 °C		1 b	ASTM D130
Density at 20 °C	kg/m <sup>3</sup>	845,0	EN ISO 12185
Flashpoint	°C	230	DIN 51757
Pourpoint	°C	-45	DIN ISO 3016