



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

Recommendation: Aisin Warner Automatic Gearbox, Allison C3, Allison C4, Allison TES-389, ATF LA 2634, ATF SP-III, BMW ATF 4, BMW ATF JWS 3309, Caterpillar TO-2, DEXRON® III F, 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, MAN 339 A, 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: Passenger car, Truck

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 Note

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 as a refill oil 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.

Multi ATFs generally only meet the required specifications, e.g. the minimum technical requirements for an ATF. For that reason they are not suitable for permanent use. Multi ATFs should therefore only be used as a temporary replacement or for refilling if the special gear oil is not available for your application. For continuous operation we recommend the use of our RAVENOL ATF Professional Line gear oils. These special oils are optimally formulated for individual automatic transmissions. They exceed the minimum requirements / specifications.

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

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

All indicated data are approximate values and are subject to the commercial fluctuations.