



MTF 94

Proven performance multigrade manual transmission fluid

Product description

MTF 94 is a proven performance, highly shear stable, multigrade manual transmission fluid designed for use in passenger car and sport utility vehicle manual transmissions and transaxles.

MTF 94 is formulated with synthetic base oils and a high performance mild-EP additive system. The viscometric profile of MTF 94 corresponds to the SAE 75W-80 viscosity grade.

Customer benefits

- Shear stable VI improver designed to maintain oil viscosity and fluid film thickness for effective protection throughout the fluid lifetime
- EP formulation helps protect gears and bearings against scuffing, pitting and wear under diverse service conditions
- Designed to offer robust bearing durability and optimum component service life
- Special combination of friction modifiers, additives and viscosity, offer optimum synchroniser operation, aiding light and easy shifting

Product highlights

- **Designed to maintain effective protection**
- **Helps protect under diverse conditions**
- **Offers optimum component service life**
- **Aids light and easy shifting**

Selected specification standards include:

API

Applications

- MTF 94 is suitable for use in manual transmissions and transaxles fitted to many modern passenger cars and sport utility vehicles.
- MTF 94 may be used in passenger car manual transmissions used in Rover, Land Rover and Mini vehicles. MTF 94 is recommended for models equipped with the Rover PG-1, R65, R380 and Getrag 283 transmissions (Rover 200, 400, 600, 800, 25, 45, 75, MG-F; Land Rover Freelander, Defender, Discovery and Range Rover). It is not recommended for the GFT MT-82 six-speed transmission (fitted to the 2007 model Land Rover Defender).
- Although this fluid has the performance level API GL-4, the demands of passenger car and heavy duty transmissions are not exactly the same and it is recommended that a dedicated heavy duty gear oil - such as Geartex EP-4, Delo Gear TDL or specialised products from the Delo Syn-AMT and Delo Syn-MTF ranges - is used in heavy duty synchronised manual transmissions requiring an API GL-4 fluid.
- MTF 94 should not be used in automotive transmissions, transaxles or differentials that require an API GL-5 gear lubricant.

Approvals, performance and recommendations

Recommendations

- API GL-4 Performance level

Typical test data		
Test	Test Methods	Results
Viscosity Grade		75W-80
Shelf Life: 24 months from date of filling indicated on the product label		
Density, 15 °C, kg/l	ASTM 4053	0.854
Flash Point COC, °C	ASTM D92	214
Pour Point, °C	ASTM D97	-48
Viscosity, Kinematic, 100°C, mm ² /s	ASTM D445	8.9
Viscosity, Kinematic, 40°C, mm ² /s	ASTM D445	47
Viscosity, Kinematic, -10°C, mm ² /s	ASTM D445	800
Viscosity, Brookfield, -40°C, mPa.s	ASTM D2983	25,000
Viscosity Index	ASTM D2270	180

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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