

Product	Sinopec MTF P-II (Manual Transmission Fluid for Passenger Vehicles)
Summary	Product description Sinopec MTF P-II (Manual Transmission Fluid for Passenger Vehicles) is formulated with Group III mineral base oils and an advanced multifunctional additive system. It provides outstanding performance in manual transmissions where excellent synchroniser operation is required. This API GL-4 quality product meets the requirements of many manual transmission manufacturers.

Applications

Sinopec MTF P-II (Manual Transmission Fluid for Passenger Vehicles) is suitable for use in:

- Manual transmissions of passenger vehicles that contain synchronisers.
- Manual transmissions of passenger vehicles that require an API GL-4 quality oil.
- Manual transmissions of many passenger vehicle manufacturers.

Features and benefits

- Excellent synchroniser performance makes gear shifting smoother and quieter, and improves the driving experience.
- Optimised frictional properties and excellent power transmission, ensure that outstanding vehicle fuel economy is achieved.
- Excellent extreme pressure and antiwear performance prevent gear wear, prolong service life and increase maintenance intervals.
- Excellent thermal and oxidation stability reduce the formation of deposits that could damage the gearbox, and ensure long fluid service life.
- Very low pour point ensures fluidity at low temperatures and provides easier cold-start performance in synchronised transmissions.
- Resistance to rust and corrosion ensures protection of the gears and synchroniser, and extends gearbox life.
- Excellent shear stability ensures that the oil is not broken down during service and optimum oil film strength is maintained throughout oil life.

Typical data

Sinopec MTF P-II (Manual Transmission Fluid for Passenger Vehicles)	
Colour, visual	Brown
SAE grade	75W-90
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	86.4
cSt @ 100°C	15.1
Brookfield viscosity, cP @ -40°C, ASTM D 2983	95,000
Viscosity index, ASTM D 2270	185
Copper corrosion, 3 hours @ 121°C, ASTM D 130	1b
Foaming characteristics, ASTM D 892	
sequence I	0/0
sequence II	10/0
sequence III	0/0
Pour point, °C, ASTM D 97	-42
Flash point (COC), °C, ASTM D 92	220
Density @ 20°C, kg/l, ASTM D 4052	0.8664

These data are given as an indication of typical values and not as exact specifications.

Industry and OEM specifications

Sinopec MTF P-II (Manual Transmission Fluid for Passenger Vehicles) meets the performance requirements of the following industry specifications:	
API	GL4

Accuracy of information

Data provided in this PDS is typical and subject to change as a result of continuing product research and development. The information given was correct at the time of printing. The typical values given are subject to variations in the testing procedures and the manufacturing process may also result in slight variations. Sinopec guarantees that its lubricants meet any industry and OEM specifications referred to on this data sheet.

Sinopec cannot be held responsible for any deterioration in the product due to incorrect storage or handling. Information on best practice is available from your local distributor.

Product and environmental safety

This product should not cause any health problems when used in the applications suggested and when the guidance provided in the Material Safety Data Sheet (MSDS) is followed. Please consult the MSDS for more detailed advice on handling; MSDSs are available from your local distributor. Do not use the product in applications other than those suggested.

As with all products, please take care to avoid environmental contamination when disposing of this product. Used oil should be sent for reclamation/recycling or, if not possible, must be disposed of according to relevant government/authority regulations.

The SINOPEC trademark is registered and protected in Australia.

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