

Product	<b>Sinopec ATF 4M Automatic Transmission Fluid</b>
Summary	<b>Product description</b> Sinopec ATF 4M Automatic Transmission Fluid is a multifunctional fluid formulated with high viscosity index base oils and selected additives. It is suitable for use in Multi-Vehicle automatic transmission and hydraulic system, especially 4/5 AT.

## Applications

Sinopec ATF 4M Automatic Transmission Fluid is suitable for:

- Lubrication of automatic transmission and hydraulic system, especially 4/5 AT.

## Features and benefits

- Outstanding friction properties to effectively prevent the transmission shudder.
- Excellent low temperature fluidity.
- Excellent protection against rust and corrosion, effectively extending the service life of the automatic transmission.
- Effectively control the oil oxidation and deposit formation, keeps transmission system clean.
- Multiple excellent characteristics ensure smooth shift and provide excellent driving experience.

# Product Data Sheet

## Typical data

Sinopec ATF 4M Automatic Transmission Fluid		
Property	Typical data	Test Method
Colour	Red	ASTM D 1500
Kinetic viscosity (100°C), mm <sup>2</sup> /s	7.118	ASTM D 445
Low temperature viscosity (-30°C), mPa.s	3119	ASTM D 2983
Low temperature viscosity (-40°C), mPa.s	11328	ASTM D 2983
Flash point (COC), °C	217	ASTM D 92

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

## Industry and OEM specifications

Sinopec ATF 4M Automatic Transmission Fluid meets the performance requirements of the following industry and OEM specifications:	
JASO	M315 1A
GM	DEXRON IIIH
Ford	MERCON
Aisin	JWS 3309 (T-IV )
Toyota	T-III/T-IV
Honda	ATF Z-1 (except in CVTs)
Mazda	ATF M-III/M-V
Mitsubishi	Diaqueen SP-II/SP-III
Hyundai/Kia	SP-III
Nissan	Matic C,D,J
Allison	C-3 & C-4
Chrysler	ATF+, +2, +3, +4
MB	MB 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.9
ZF	TE-ML 09, 11A, 11B, ZF Lifeguardfluid 5

Sinopec ATF 4M is **not** recommended for where ATF TYPE F/G specification is required.

It should **not** be used in CVT/DCT.

## 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.

# Product Data Sheet

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.

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