

<b>Product</b>	<b>Sinopec Automatic Transmission Fluid III-LD</b>
<b>Summary</b>	<b>Product description</b> Sinopec Automatic Transmission Fluid III-LD is a multifunctional fluid formulated with high viscosity index synthetic technology oils and selected additives. It is suitable for use in the automatic transmission systems of commercial vehicles where it allows extended drain intervals, even under severe service conditions.

## Applications

Sinopec Automatic Transmission Fluid III-LD is suitable for use in:

- Automatic transmission systems of commercial vehicles, including bus rapid transit (BRT) fleets, school bus fleets, emergency vehicles, recreation vehicles and commercial utility vehicles, where extended drain intervals are required.

## Features and benefits

- Outstanding oxidation stability, thermal stability and detergency ensure long fluid life, prevent the build up of deposits, and allow for extended drain intervals.
- Excellent frictional characteristics improve transmission efficiency and shifting performance, and ensure consistent, reliable, trouble-free operation of transmission systems.
- Excellent antiwear performance and good oil film strength protect components from wear and ensure long transmission life.
- Very good low-temperature properties protect against wear under cold start-up and running conditions.
- Effective control of foaming ensures good transfer of power and shifting performance, and reduces fluid loss in severe service conditions.
- Fully compatible with common seal materials found in transmission systems, to extend seal life and prevent fluid leakage.

# Product Data Sheet

## Typical data

<b>Sinopec Automatic Transmission Fluid III-LD</b>	
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	37.37
cSt @ 100°C	7.63
Viscosity, Brookfield, ASTM D 2983	
cP @ -30°C	3,200
cP @ -40°C	12,500
Copper corrosion, 3 hours @ 150°C, ASTM D 130	1b
Flash point (COC), °C, ASTM D 92	206
Density @ 20°C, kg/l, ASTM D 4052	0.8538
Colour	red

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

## Industry and OEM specifications

<b>Sinopec Automatic Transmission Fluid III-LD meets the performance requirements of the following OEM specifications:</b>	
Allison	C-4
Voith	H55.6335.3x
ZF	TE-ML 14B
<b>Sinopec Automatic Transmission Fluid III-LD holds the following OEM approvals:</b>	
ZF	TE-ML 14B

## 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.

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