

Product	Sinopec Automatic Transmission Fluid III-H
Summary	Product description Sinopec Automatic Transmission Fluid III-H is a multifunctional fluid formulated with high viscosity index synthetic base oil and selected additives. It is suitable for use in the automatic transmission systems of many vehicles, and in some power steering and hydraulic systems.

Applications

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

- All vehicles where GM DEXRON[®] III, Ford MERCON[®] or Allison C-4 fluids are required.
- Four-, five-, and some six-speed automatic transmissions used in US, Japanese and some European passenger cars.
- Power steering units of some passenger cars.
- Many automatic transmissions, power steering and hydraulics systems in heavy-duty vehicles used, for example, in the construction industry.
- Hydrostatic drives and hydraulic systems in industrial, agricultural, mining and marine applications where GM DEXRON[®] III, Ford MERCON[®] or Allison C-4 is specified.
- Some specific hydraulic systems that require an ISO VG 32, 46 or 68 fluid.
- *Not* recommended for use in continuously variable transmission (CVT) systems.

Features and benefits

- Outstanding oxidation stability, thermal stability and detergency ensure long fluid life and prevent the build up of deposits.
- 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 and ensure good low-temperature shift performance.
- 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

Sinopec Automatic Transmission Fluid III-H	
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	33.89
cSt @ 100°C	7.32
Viscosity, Brookfield, ASTM D 2983	
cP @ -30°C	2400
cP @ -40°C	9000
Viscosity index, ASTM D 2270	185
Copper corrosion, 3 hours @ 150°C, ASTM D 130	1b
Pour point, °C, ASTM D 97	-40
Flash point (COC), °C, ASTM D 92	198
Density @ 20°C, kg/l, ASTM D 4052	0.845
Colour	red

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

Industry and OEM specifications

Sinopec Automatic Transmission Fluid III-H meets the performance requirements of the following OEM specifications:	
Allison	C-4
Ford	MERCON®
GM	DEXRON® III-H
Nissan	1998–2004: most except as noted 2005–2006: 4-cyl Altima, 4-speed Maxima, 4-speed Quest
Subaru	Before 2005: most except as noted
Volvo	1995–1998: 850, 940, 960; 70, 90 Series 1999–2000: V50, V70, V70R and XC70 with AW50-42 or AW42AWD; C70 1999–2005: S80 with 4T65EV, XC90 with 4T65AWD, S70 with AW50-42 or AW42AWD
Sinopec Automatic Transmission Fluid III-H holds the following OEM approvals:	
Allison	C-4

Product Data Sheet

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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