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| Product | Sinopec Trans Fluid FS/ES SAE 50 |
| Summary | Product description Sinopec Trans Fluid FS/ES SAE 50 is a specially formulated synthetic lubricant designed for extended drain and severe service in heavy-duty manual transmissions which require a non EP gear or transmission lubricant. It is specially formulated to protect the higher torque manual transmissions coupled with the increased horsepower engines. |

Applications

Sinopec Trans Fluid FS/ES SAE 50 is suitable for use in:

- Sinopec Trans Fluid FS/ES SAE 50 is recommended for use in heavy-duty manual transmission which includes application that requires Eaton Roadranger approved oil.

Features and benefits

- Synthetic basestock with a high viscosity index provides superior all-climate, year round performance.
- Superior component protection contains advanced anti-wear additive packages as well as rust, oxidation and corrosion inhibitors that protect bearings and synchronisers, reduce component wear, and promote longer transmission and lubricant life.
- High temperature performance ensures stability when exposed to severe heat, oxidation and shear conditions.
- Extended drain intervals approved for use as extended oil drain intervals as per Eaton Transmission Division PS-164 (500,000-mile drain) specification.

Product Data Sheet

Typical data

| Sinopec Trans Fluid FS/ES SAE 50 | |
|--|---------|
| SAE grade | 50 |
| Kinematic viscosity, ASTM D 445 | |
| cSt @ 40°C | 132 |
| cSt @ 100°C | 17.5 |
| Viscosity, Brookfield, ASTM D 2983 | |
| cP @ -40°C | 104,000 |
| Viscosity index, ASTM D 2270 | 146 |
| Copper strip corrosion, 3 hrs @ 100° (212°F), ASTM D 130 | 1a Pass |
| Pour point, °C, ASTM D 97 | -45 |
| Flash point (COC), °C, ASTM D 92 | 221 |

Industry and OEM specifications

| Sinopec Trans Fluid FS/ES SAE 50 meets or exceeds | |
|--|--------------|
| API | MT1 |
| Eaton Transmission | PS-164 rev 7 |
| Mack | TO-A Plus |
| International | TMS 6816 |
| ArvinMeritor | O-81 pending |
| ZF | Freedomline |

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.

Issued: July 2019

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