

| | |
|---------|---|
| Product | Sinopec ATF IID Automatic Transmission Fluid |
| Summary | Product description Sinopec ATF IID Automatic Transmission Fluid is formulated using high viscosity index base oils and a multifunctional additive system. It is suitable for use in automatic transmissions of vehicles, some power steering systems and hydraulic transmission systems. It meets the performance requirements of Ford MERCON® and GM DEXRON® II-D specifications. |

Applications

Sinopec ATF IID Automatic Transmission Fluid is suitable for use in:

- All vehicles where a GM DEXRON® II-D or Ford MERCON® quality fluid is required.
- Power steering units of some passenger cars.
- Many automatic transmissions, power steering and hydraulics systems in heavy-duty vehicles, for example those used in the construction industry.
- Hydrostatic drives and hydraulic power transmission systems in industrial, agricultural, mining and marine applications where a GM DEXRON® II-D or Ford MERCON® quality fluid is specified.

Features and benefits

- Advanced frictional characteristics ensure the smooth and reliable functioning of automatic transmissions.
- Very good oxidation and thermal stability prevent oil deterioration and thickening, and ensure optimal performance.
- Good low-temperature properties protect against wear under cold start-up and running conditions, and ensure good low-temperature shift performance.
- Good anti-wear and anti-corrosion properties, prolong the service life of components and ensure consistent performance in gear and hydraulic pump applications.
- Compatibility with seal materials reduces the risk of leakages.

Product Data Sheet

Typical data

| | |
|---|------------|
| Sinopec ATF IID Automatic Transmission Fluid | |
| Kinematic viscosity, ASTM D 445 | |
| cSt @ 40°C | 40.61 |
| cSt @ 100°C | 7.749 |
| Viscosity index, ASTM D 2270 | 164 |
| Copper corrosion, 3 hours @ 150°C, ASTM D 130 | 1b |
| Pour point, °C, ASTM D 97 | -45 |
| Density @ 20°C, kg/l, ASTM D 4052 | 0.854 |
| Appearance, visual | Red colour |

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

Industry and OEM specifications

| | |
|---|--------------|
| Sinopec ATF IID Automatic Transmission Fluid meets the performance requirements of the following OEM specifications: | |
| Ford | MERCON® |
| GM | DEXRON® II-D |
| ZF | TE-ML-11A |

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.

Issued: March 2012

© Sinopec 2012

72_Sinopec_AFT_IID_Automatic_Transmission_Fluid