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| Product | Sinopec CF-4 5W-40 Diesel Engine Oil |
| Summary | Product description Sinopec CF-4 5W-40 Diesel Engine Oil is formulated with high-quality, fully synthetic, Group III base oils and a multifunctional additive package. Designed for use in modern, high-performance, heavy duty, diesel-powered vehicles. It provides excellent oxidation resistance, deposit and wear protection, and low-temperature performance. |

Applications

Sinopec CF-4 5W-40 Diesel Engine Oil is suitable for use in:

- High-speed, low-emission, four stroke diesels in heavy duty on-highway applications.
- Heavy duty, high-power, high-pressure, turbocharged direct-injection diesel engines.
- Diesel engines of large power units operating continuously in a severe service, dusty environment.
- Diesel engines that require an oil of CF-4, CE or CD quality.

Features and benefits

- Formulated with high viscosity index, fully synthetic base oils to provide improved oxidation control and reduced oil consumption compared to conventional oils.
- Excellent detergent and dispersant properties reduce the formation of sludge and deposits and prevent oil thickening, thereby keeping the product in grade for longer and extending oil and engine life.
- Excellent anti-wear properties prevent wear of engine components and prolong engine service life.
- Synthetic base oils provide excellent viscosity/temperature properties, ensuring good low temperature start-up as well as maintaining optimum viscosity throughout service life.
- Very good anti-corrosion properties and TBN retention protect metal parts from rusting and corrosion.
- Good elastomer compatibility ensures longer gasket and seal life, and prevents oil leakage.

Typical data

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| Sinopec CF-4 5W-40 Diesel Engine Oil | |
| SAE grade | 5W-40 |
| Kinematic viscosity, ASTM D 445 | |
| cSt @ 100°C | 15.50 |
| Pour point, °C, ASTM D 97 | -44 |
| Flash point (COC), °C, ASTM D 92 | 228 |
| Density @ 15°C, kg/l, ASTM D 4052 | 0.857 |

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

Industry and OEM specifications

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| Sinopec CF-4 5W-40 Diesel Engine Oil meets the performance requirements of the following industry specifications: | |
| API Service Classification | Diesel: CF-4, CE, CD and earlier HDDEO specifications |
| GB ¹ | 11122-2006 (CF-4) |
| Sinopec CF-4 5W-40 Diesel Engine Oil holds the following formal industry approvals/licences: | |
| API Service Classification | Diesel: CF-4 |

¹ Note: 'GB' standards are the National Standards of the People's Republic of China.

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| Sinopec CF-4 5W-40 Diesel Engine Oil meets the performance requirements of the following OEM specifications: | |
| Cummins | CES 20075/74/73 |
| Mack | EO-K2 |
| Mercedes Benz | 228.1 |
| Volvo | VDS-2 |

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.

Issued: March 2014

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