

| | |
|---------|---|
| Product | Sinopec TULUX T700 CK-4 15W-40 Diesel Engine Oil |
| Summary | <p>Product description</p> <p>Sinopec TULUX T700 CK-4 15W-40 Diesel Engine Oil is formulated using Synthetic Technology with hydro-cracked high viscosity index base oils and Superior low SAPS additive packages. It is the new generation of DEO to meet strict new emission, long life protection performance and fuel economy and environmental standards. Suitable for use in high speed, four-stroke heavy duty low-emission diesel engines fitted with exhaust after-treatment systems designed to meet Euro V and Euro VI exhaust emissions standards.</p> |

Available sizes



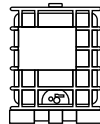
1L/4L/5L



PAIL – 18L



DRUM – 200L



IBC – 1000L

Also
available
in bulk

Applications

Sinopec TULUX T700 CK-4 15W-40 Diesel Engine Oil is suitable for use in:

- Heavy duty diesel engines (HDDE) fitted with exhaust after-treatment systems, e.g. exhaust gas recirculation (EGR), diesel particulate filters (DPF) or selective catalytic reduction (SCR), which require a low-ash lubricant to meet Euro V & Euro VI or Australian ADR 80/02 and 80/03 emissions requirement.
- Heavy duty diesel engines operating continuously under very high speed, high temp or heavy load conditions, including on and off highway, trucking, bus, mining, construction, agriculture and marine applications in the world's harshest environment.
- Fully backwards compatible to those older HDDE using conventional designs without exhaust after-treatment systems.
- Heavy duty diesel engines requiring API CK-4, CJ-4 and earlier categories or ACEA E7/9 from America, Europe and Japan.

Features and benefits

By using Synthetic Technology hydrocracked base oils and the superior additive packages, Sinopec has produced the most advanced mixed fleet DEO seen in the market for over a decade:

- Provides extended long term protection all engine parts including DPF and SCR device, and proven longevity of after-treatment devices designed to meet the stringent Euro V or Euro VI emissions standards.
- Super anti-wear properties reduce engine component wear effectively extending engine life.
- Excellent oil oxidation resistance and improved control of the piston deposits along with enhanced dispersant/detergent properties prevent the formation of sludge and piston deposits, keeping the engine clean and reducing energy loss due to frictional wear.
- The highly refined base oil and premium viscosity modifier offer outstanding shear stability and prevent viscosity loss caused by the molecular shearing common in high speed diesel engines, extending oil life and ensuring optimum oil film thickness to provide protection on all moving engine parts.
- Providing high performance in both on and off- highway heavy-duty applications.
- Extending drain intervals while providing increased protection can lead to reduced downtime and increased profitability.

Typical data

| Sinopec TULUX T700 CK-4 15W-40 Diesel Engine Oil | |
|---|--------|
| SAE grade | 15W-40 |
| Kinematic viscosity, cSt @ 100°C, ASTM D 445 | 14.25 |
| CCS, cP @ -20°C, ASTM D5293 | 3760 |
| MRV, cP @ -25°C, ASTM D4684 | 12100 |
| High-temperature, high-shear viscosity (HTHS), cP @ 150°C, ASTM D4683 | 3.85 |
| Total base number, mg KOH/g, ASTM D 2896 | 9.64 |
| Pour point, °C, ASTM D 97 | -43 |
| Flash point (COC), °C, ASTM D 92 | 233 |

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

Industry and OEM specifications

| Sinopec TULUX T700 CK-4 15W-40 Diesel Engine Oil meets the performance requirements of the following industry specifications: | |
|--|--|
| ACEA | E9, E7 |
| API Service Classification | Diesel: CK-4, CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, CF-4 and earlier HDDEO specifications; SN |
| ASTM | D4485-15a |
| JASO | DH-2 |

| Sinopec TULUX T700 CK-4 15W-40 Diesel Engine Oil meets the performance requirements of the following OEM specifications: | |
|---|-------------------------|
| Mack | EO-O Premium Plus, EO-N |
| Volvo | VDS-4, VDS-3 |
| Cummins | CES 20081 |
| Caterpillar | ECF-3, ECF-2 |
| Detroit | 93K218, 93K215 |
| Daimler | MB 228.31 |
| MAN | M3575 |
| MTU | Category 2.1 |
| Renault | RLD-3 |
| Allison | TES 439 |

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.

Issued: March 2017

© Sinopec 2017

Sinopec TULUX T700 CK-4 15W-40 Diesel Engine Oil