

Product	Sinopec TULUX T700 E11/CK-4 10W-30 Diesel Engine Oil
Summary	Product description SINOPEC TULUX T700 E11/CK-4 10W-30 Diesel Engine Oil is the new generation of mixed fleet DEO seen in the market for over a decade to meet strict new emission, long life protection performance, 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 emission standards and heavy-duty diesel vehicles using biodiesel.

Available sizes



PAIL – 18L



DRUM – 200L

Applications

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 E11 from America, Europe and Japan.

Features and benefits

- Low SAPS, meeting Euro V/VI, Australian ADR 80/02 and 80/03.
- Extended long term protection and proven longevity of DPF and SCR.
- Excellent oil oxidation resistance and improved control of the piston deposits, preventing formation of sludge and piston deposits, keeping engine clean and reducing energy loss.
- Excellent low-temperature start up and high temperature performance, suitable for wide temperature range.
- High performance in both on and off-highway heavy-duty applications.
- Extended drain intervals, reduced downtime and increased profitability.

Typical data

Sinopec TULUX T700 E11/CK-4 10W-30 Diesel Engine Oil	
SAE grade	10W-30
Kinematic viscosity, cSt @ 100°C, ASTM D 445	12.21
Kinematic viscosity, cSt @ 40°C, ASTM D 445	84.75
CCS, cP @ -25°C, ASTM D5293	6748
MRV, cP @ -30°C, ASTM D4684	35400
High-temperature, high-shear viscosity (HTHS), cP @ 150°C, ASTM D4683	3.4
Total base number, mg KOH/g, ASTM D 2896	9.24
Pour point, °C, ASTM D 97	-39
Flash point (COC), °C, ASTM D 92	235

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

Industry and OEM specifications

Sinopec TULUX T700 E11/CK-4 10W-30 Diesel Engine Oil meets the performance requirements of the following industry specifications:	
ACEA	E11
API Service Classification	Diesel: CK-4, CJ-4
JASO	DH-2

Sinopec TULUX T700 E11/CK-4 10W-30 Diesel Engine Oil meets the performance requirements of the following OEM specifications:	
Mack	EO-S 4.5
Volvo	VDS-4.5, VDS-4, VDS-3
Cummins	CES 20086/20081
Caterpillar	ECF-3, ECF-2
Detroit	DFS 93K222/218
Mercedes Benz	DTFR 15C100
MAN	M3775
MTU	Category 2.1
Renault	VI RLD-3
Deutz	DQC-III-10LA
Ford	WSS-M2C171-F1
Allison	TES439

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 Safety Data Sheet (SDS) is followed. Please consult the SDS for more detailed advice on handling; SDSs 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: April 2025

© Sinopec 2025

Sinopec TULUX T700 E11/CK-4 10W-30 Diesel Engine Oil