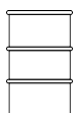


Product	SINOPEC TULUX T500 E7/CI-4 10W-30 Diesel Engine Oil
Summary	<p>Product description</p> <p>SINOPEC TULUX T500 E7/CI-4 10W-30 Diesel Engine Oil is formulated with synthetic technology base oils and advanced multifunctional additive technology to meet the requirements of a wide range of engine manufacturers. Suitable for pre EPA 2007 diesel engines, where excellent soot control is required. Also suitable for use in engines with or without EGR systems.</p>

Available sizes



BOTTLE – 1L/6L



DRUM – 200L

Applications

- Both light-duty and heavy-duty vehicles operating under severe conditions, such as long-distance or urban traffic vehicles.
- Off-highway applications in the mining, quarrying, construction and agricultural industries.
- Industrial power generation engines.
- Heavy duty diesel engines operating continuously under heavy or high load-factor conditions.
- Gasoline engines that requires an oil of API SL or lower quality.

Features and benefits

- Outstanding soot and deposit control provides protection against piston deposits and valve train wear, and ensures engine cleanliness and smooth running.
- Excellent control of aeration and foaming ensures protection of engine parts.
- High acid neutralisation ability, together with TBN retention, provides rust and corrosion protection and prolongs engine life.
- Excellent low-temperature properties ensure smooth start up at low temperature and protect against start-up wear.
- Suitable for use in engines with or without EGR/SCR systems, heavy duty diesel vehicles using biodiesel and heavy duty vehicles meeting Euro III/IV/V emissions standards.

Product Data Sheet

Typical data

SINOPEC TULUX T500 E7/CI-4 10W-30 Diesel Engine Oil	
SAE grade	10W-30
Kinematic viscosity, cSt @ 100°C, ASTM D 445	11.6
CCS, cP @ -25°C, ASTM D5293	6665
MRV, cP @ -30°C, ASTM D4684	22685
High-temperature, high-shear viscosity (HTHS), cP @ 150°C, ASTM D4683	3.5
Total base number, mg KOH/g, ASTM D 2896	10.4
Pour point, °C, ASTM D 97	-40
Flash point (COC), °C, ASTM D 92	223

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

Industry and OEM specifications

SINOPEC TULUX T500 E7/CI-4 10W-30 Diesel Engine Oil meets the performance requirements of the following industry specifications:	
ACEA	E7
API Service Classification	Diesel: CI-4, CH-4
	Petrol/Gasoline: SL,SJ
Global	DHD-1
JASO	DH-1

SINOPEC TULUX T500 E7/CI-4 10W-30 Diesel Engine Oil meets the performance requirements of the following OEM specifications:	
Caterpillar	ECF-2, ECF-1-a
Cummins	CES 20078/20077
Detroit Diesel	93K215
Mack	EO-N, EO-M plus
MAN	M3275
Mercedes Benz	MB 228.3
MTU	Category 2.0
Volvo	VDS-3, VDS-2
Deutz	DQC III/II

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 Data Sheet

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.

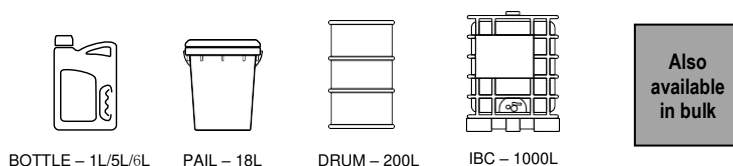
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SINOPEC TULUX T500 E7/CI-4 10W-30 Diesel Engine Oil

Product	SINOPEC TULUX T500 E7/CI-4 15W-40 Diesel Engine Oil
Summary	<p>Product description</p> <p>SINOPEC TULUX T500 E7/CI-4 15W-40 Diesel Engine Oil is formulated with synthetic technology base oils and advanced multifunctional additive technology to meet the requirements of a wide range of engine manufacturers. Suitable for pre-EPA 2007 diesel engines, where excellent soot control is required. Also suitable for use in engines with or without EGR systems.</p>

Available sizes



Applications

- Both light-duty and heavy-duty vehicles operating under severe conditions, such as long-distance or urban traffic vehicles.
- Off-highway applications in the mining, quarrying, construction and agricultural industries.
- Industrial power generation engines.
- Heavy duty diesel engines operating continuously under heavy or high load-factor conditions.
- Gasoline engines that requires an oil of API SL or lower quality.

Features and benefits

- Outstanding soot and deposit control provides protection against piston deposits and valve train wear, and ensures engine cleanliness and smooth running.
- Excellent control of aeration and foaming ensures protection of engine parts.
- High acid neutralisation ability, together with TBN retention, provides rust and corrosion protection and prolongs engine life.
- Excellent low-temperature properties ensure smooth start up at low temperature and protect against start-up wear.
- Suitable for use in engines with or without EGR/SCR systems, heavy duty diesel vehicles using biodiesel and heavy duty vehicles meeting Euro III/IV/V emissions standards.

Product Data Sheet

Typical data

SINOPEC TULUX T500 E7/CI-4 15W-40 Diesel Engine Oil	
SAE grade	15W-40
Kinematic viscosity, cSt @ 100°C, ASTM D 445	14.26
CCS, cP @ -20°C, ASTM D5293	6020
MRV, cP @ -25°C, ASTM D4684	22300
High-temperature, high-shear viscosity (HTHS), cP @ 150°C, ASTM D4683	4.08
Total base number, mg KOH/g, ASTM D 2896	10.4
Pour point, °C, ASTM D 97	-38
Flash point (COC), °C, ASTM D 92	228

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

Industry and OEM specifications

SINOPEC TULUX T500 E7/CI-4 15W-40 Diesel Engine Oil meets the performance requirements of the following industry specifications:	
ACEA	E7
API Service Classification	Diesel: CI-4, CH-4
	Petrol/Gasoline: SL,SJ
Global	DHD-1
JASO	DH-1

SINOPEC TULUX T500 E7/CI-4 15W-40 Diesel Engine Oil meets the performance requirements of the following OEM specifications:	
Caterpillar	ECF-2, ECF-1-a
Cummins	CES 20078/20077
Detroit Diesel	DFS 93K215
Mack	EO-N,EO-M plus
MAN	M3275
Mercedes Benz	MB 228.3
MTU	Category 2.0
Volvo	VDS-3, VDS-2
Renault Truck	VI RLD-2
Deutz	DQC III/II

Product Data Sheet

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SINOPEC TULUX T500 E7/CI-4 15W-40 Diesel Engine Oil

Product	SINOPEC TULUX T500 E7/CI-4 20W-50 Diesel Engine Oil
Summary	Product description SINOPEC TULUX T500 E7/CI-4 20W-50 Diesel Engine Oil formulated with synthetic technology base oils and advanced multifunctional additive technology to meet the requirements of a wide range of engine manufacturers. Suitable for pre-EPA 2007 diesel engines, where excellent soot control is required. Also suitable for use in engines with or without EGR systems.

Available sizes



BOTTLE – 5L



PAIL – 18L



DRUM – 200L

Applications

- Both light-duty and heavy-duty vehicles operating under severe conditions, such as long-distance or urban traffic vehicles.
- Off-highway applications in the mining, quarrying, construction and agricultural industries.
- Industrial power generation engines.
- Heavy duty diesel engines operating continuously under heavy or high load-factor conditions.
- Gasoline engines that requires an oil of API SL or lower quality.

Features and benefits

- Outstanding soot and deposit control provides protection against piston deposits and valve train wear, and ensures engine cleanliness and smooth running.
- Excellent control of aeration and foaming ensures protection of engine parts.
- High acid neutralisation ability, together with TBN retention, provides rust and corrosion protection and prolongs engine life.
- Excellent high-temperature properties ensure protection against wear under high temperature and heavy load.
- Suitable for use in engines with or without EGR/SCR systems, heavy duty diesel vehicles using biodiesel and heavy-duty vehicles meeting Euro III/IV/V emissions standards.

Product Data Sheet

Typical data

SINOPEC TULUX T500 E7/CI-4 20W-50 Diesel Engine Oil	
SAE grade	20W-50
Kinematic viscosity, cSt @ 100°C, ASTM D 445	18.57
CCS, cP @ -15°C, ASTM D5293	7200
MRV, cP @ -20°C, ASTM D4684	25400
High-temperature, high-shear viscosity (HTHS), cP @ 150°C, ASTM D4683	4.9
Total base number, mg KOH/g, ASTM D 2896	10.3
Pour point, °C, ASTM D 97	-26
Flash point (COC), °C, ASTM D 92	249

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

Industry and OEM specifications

SINOPEC TULUX T500 E7/CI-4 20W-50 Diesel Engine Oil meets the performance requirements of the following industry specifications:	
ACEA	E7
API Service Classification	Diesel: CI-4, CH-4
	Petrol/Gasoline: SL, SJ

SINOPEC TULUX T500 E7/CI-4 20W-50 Diesel Engine Oil meets the performance requirements of the following OEM specifications:	
Caterpillar	ECF-1-a
MAN	M3275
Mercedes Benz	MB 228.3

Accuracy of information

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SINOPEC TULUX T500 E7/CI-4 20W-50 Diesel Engine Oil

SINOPEC
PERFORMANCE IN MOTION

The information contained herein is subject to change without notification due to continuing research & development therefore properties may be subject to slight variations.

SINOPEC

Premium Lubricants



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