

Product	Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil
Summary	Product description Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil is one of the Sinopec Tulux range of super premium heavy duty diesel oils. This advanced formulation contains fully synthetic base oils and an advanced multifunctional additive system to provide outstanding lubrication to modern, high-performance diesel engines used in severe on- and off-highway applications. Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil is a stable, stay-in-grade oil providing excellent control of piston cleanliness and wear, and advanced soot handling and lubricant stability.

Applications

Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil is suitable for use in:

- Naturally aspirated and turbocharged diesel powered engines built by European manufacturers.
- On-highway light and heavy-duty trucking.
- Off-highway industries: including construction, mining, quarrying and agriculture.

Features and benefits

- Formulated with high viscosity index, synthetic technology base oils, which provide improved oxidation control over conventional oils, reducing the formation of sludge and deposits and reducing oil thickening, thereby keeping the product in grade for longer, extending oil life, allowing longer oil drain intervals and reduced maintenance and inventory costs.
- Very low oil evaporation loss leads to reduced oil consumption and reduced exhaust emissions.
- Outstanding soot and deposit control provide protection against piston deposits and valve train wear, and ensure engine cleanliness and smooth running.
- Excellent control of aeration and foaming ensures protection of engine parts.
- High acid neutralisation ability, together with TBN retention, provide rust and corrosion protection, extended oil drain potential and prolong engine life.
- Good elastomer compatibility ensures longer gasket and seal life, and prevents oil leakage.
- Excellent low-temperature properties ensure good fluidity at low temperatures and protect against start-up wear.
- Offers excellent overall performance and protection as expected from the Sinopec Tulux range of heavy duty diesel oil grades.

Product Data Sheet

Typical data

Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil	
SAE grade	10W-40
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	83.7
cSt @ 100°C	13.0
Dynamic viscosity, CCS, ASTM D 5293	
cP @ -25°C	5,890
Viscosity index, ASTM D 2270	156
NOACK volatility, ASTM D 5800	9.3
Sulfated ash, wt%, ASTM D 874	1.9
Total base number, mg KOH/g, ASTM D 2896	15.6
Pour point, °C, ASTM D 97	-34
Flash point (COC), °C, ASTM D 92	230
Density @ 15°C, kg/l, ASTM D 4052	0.875

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

Industry and OEM specifications

Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil meets the performance requirements of the following industry specifications:	
ACEA	E7-08, E4-08
API Service Classification	CF
GB	11122-2006(CF)

Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil meets the performance requirements of the following OEM specifications:	
Man	M 3277
Mercedes Benz	228.5
MTU	MTU Type 3
Renault	RXD, RLD-2
Scania	LDF-3, LDF-2
Volvo	VDS-3
Mack	Mack EO-M PLUS
Cummins	CES 20072
Sinopec Tulux T600 LD 10W-40 Diesel Engine Oil holds the following formal OEM approvals:	
Scania	LDF-3, LDF-2

Product Data Sheet

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.

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