

SINOPEC

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About Sinopec

A Strong Foundation, the Renowned Brand

China Petroleum & Chemical Corporation is one of the largest oil and petrochemical products supplier in the world.
Sinopec Lubricant Co., Ltd. is a subsidiary of **China Petroleum & Chemical Corporation** and has a history of more than 60 years in the professional business of product research and development, manufacturing, and marketing of lubricants. Sinopec Lubricant Co., Ltd offers more than 2,000 varieties of products in 21 categories, with a strong focus on engine lubricants. Its products are widely used in the automotive and other industries.

Sinopec's Value Proposition

Shaping a Bright Future with Innovation, Building a Better Life with Responsibility

With promoting low-carbon transformation of global energy as its goal, Sinopec is committed to leading the future of the energy and chemical industry with innovation, shouldering its responsibilities to refuel for a better life, and working with all stakeholders to build a better life.

Cleaner Energy, Better Life.

Why Sinopec?

70+ countries that SINOPEC provides lubricating **services around the world**

140+ million tonnes of **refined oil products**

more than **30,800+** **service stations worldwide**





TULUX L1500 E6/E9/CK-4 10W-40 DIESEL ENGINE OIL

SINOPEC TULUX L1500 E6/E9/CK-4 10W-40 DIESEL ENGINE OIL is a super premium high performance diesel engine oil formulated with fully synthetic base oil and high-performance additives. It is suitable for heavy-duty diesel engines including those using EGR and SCR, especially DPF, designed to meet Euro V/VI emissions standards and heavy-duty diesel vehicles using biodiesel. It can deliver lasting strong power output and protection for the most severe on and off-highway vehicles (both old and new) in transportation, mining, construction and agriculture industries.

Available Size

18 Litre

200 Litre

Applications

- Highly rated diesel engines meeting Euro IV&V&VI and Australian ADR 80/02 and 80/03 emissions requirements and running under very severe conditions, e.g. significantly extended oil drain intervals according to the manufacturer's recommendations.
- 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 E4/E6/E7/E9 from America, Europe and Japan.

Features & Benefits

- Excellent dispersancy performance, keeping engine long-lasting clean and preventing engine wear and reduce energy loss.
- Fast flowing and excellent cold start-up protection, maintaining strong oil film under high temperature.
- Providing excellent oxidation control and thermal stability.
- Super anti-wear properties extend engine life effectively.

Industry & OEM Specifications

API Service Classification	CK-4/CJ-4
ACEA Classification	E4/E6/E7/E9
JASO	DH-2
OEM specifications	Volvo VDS-4.5 / Cummins CES 20086/20081 / Detroit Diesel DFS 93K222 / Deutz DQC IV-18 LA / Mack EOS-4.5 / MAN M3775/3477 / MB-Approval 228.31 / 228.51/228.52 / MTU Category 3.1/2.1 / Renault VI RLD-3 / Scania Low Ash / LDF-4 / Caterpillar ECF-3/ECF-2 / Voith Class B



TULUX L1000 E4/E7/CI-4 10W-40 DIESEL ENGINE OIL

SINOPEC TULUX L1000 E4/E7/CI-4 10W-40 Diesel Engine Oil is a super premium high performance diesel engine oil formulated with fully synthetic base oil and high-performance additives. It is a stable, stay-in-grade oil providing excellent control of engine deposits, wear, advanced soot handling and oil film to deliver outstanding power output and lubrication for high performance diesel engines (including with or without EGR, WITHOUT DPF), heavy duty diesel vehicles using biodiesel, and heavy duty vehicles meeting Euro III/IV/V emissions standards, used in severe on and off-highway applications (both old and new) in transportation, mining, construction and agriculture industries.

Available Size

18 Litre

200 Litre

1000 Litre

Applications

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

Features & Benefits

- Using excellent fully synthetic base oil and unique high-performance additive formula, the product has excellent comprehensive performance, longer oil drain interval.
- Excellent detergency and dispersancy properties, can effectively keep the engine clean and prevent engine wear.
- With excellent viscosity index, can meet the requirements of engine use in high and low temperature environment, maintain stable oil film under high temperature, ensure oil fluidity in low temperature environment, and effectively protect the engine.
- Excellent thermal oxidation stability, can provide more effective protection to the engine at high temperature.
- Specially designed for heavy-duty diesel engines with environmental protection performance, especially suitable for vehicles with exhaust gas recirculation (EGR).

Industry & OEM Specifications

API Service Classification	CI-4
ACEA Classification	E4/E7
OEM specifications	Volvo VDS-3 / MB 228.5 / MAN 3277 / MACK EO-N/EO-M Plus MTU Category 3 / Cummins 20072 / Renault RXD/RLD/RLD-2 Scania LDF-3 / Deutz DQC III-10



TULUX T700 E9/CK-4 10W-30 DIESEL ENGINE OIL

SINOPEC TULUX T700 E9/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 Size

18 Litre

200 Litre

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 E9 from America, Europe and Japan.

Features & 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.

Industry & OEM Specifications

API Service Classification	CK-4/CJ-4/SN
ACEA Classification	E9
OEM specifications	MAN 3775/3575 / MB-Approval 228.31 / Volvo VDS-4.5/4/3 Cummins CES 20086/20081 / Mack EO-S 4.5 / Renault VI RLD-3 Caterpillar ECF-3/ECF-2 / MTU Category 2.1 / Detroit Diesel DFS 93K222/93K218 / Deutz DQC III-10 LA



TULUX T700 E9/CK-4 15W-40 DIESEL ENGINE OIL

SINOPEC TULUX T700 E9/CK-4 15W-40 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 Size

1 Litre

5 Litre

18 Litre

200 Litre

1000 Litre

Bulk

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 E9 from America, Europe and Japan.

Features & 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.
- High performance in both on and off-highway heavy-duty applications.
- Extended drain intervals, reduced downtime and increased profitability.

Industry & OEM Specifications

API Service Classification	CK-4/CJ-4/SN
ACEA Classification	E9
OEM specifications	MB-Approval 228.31 / MAN 3775/3575 / Volvo VDS-4.5/4/3 Cummins CES 20086/20081 / Mack EO-S 4.5 / Renault VI RLD-3 Caterpillar ECF-3/ECF-2 / MTU Category 2.1 Detroit Diesel DFS 93K222/93K218 / Deutz DQC III-10 LA Ford WSS-M2C171-F1



TULUX T500 E7/CI-4 10W-30 DIESEL ENGINE OIL

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.

Available Size

1 Litre | 6 Litre | 200 Litre

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 & 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

Industry & OEM Specifications

API Service Classification	CI-4/CH-4/SL/SJ
ACEA Classification	E7
JASO	DH-1
OEM specifications	Global DHD-1 / Cummins CES 20078/20077 / Caterpillar ECF-2/ECF-1a / Volvo VDS-3/2 / Mack EO-N/M Plus Deutz DQC III/II / MTU Category 2.0 / MB 228.3 / MAN 3275 Detroit Diesel DFS 93K215



TULUX T500 E7/CI-4 15W-40 DIESEL ENGINE OIL

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.

Available Size

1 Litre | 5 Litre | 6 Litre | 18 Litre | 200 Litre | 1000 Litre | Bulk

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 & 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

Industry & OEM Specifications

API Service Classification	CI-4/CH-4/SL/SJ
ACEA Classification	E7
JASO	DH-1
OEM specifications	Global DHD-1 / MB 228.3 / MAN 3275 / Volvo VDS-3/2 Deutz DQC III/II / MTU Category 2.0 / Mack EO-N/M Plus Cummins CES 20078/20077 / Caterpillar ECF-2/ECF-1a Renault VI RLD-2 / Detroit Diesel DFS 93K215



TULUX T500 E7/CI-4 20W-50 DIESEL ENGINE OIL

SINOPEC TULUX T500 E7/CI-4 20W-50 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.

Available Size

5 Litre | 18 Litre | 200 Litre

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 & 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.

Industry & OEM Specifications

API Service Classification	CI-4/CH-4/SL/SJ
ACEA Classification	E7
OEM specifications	MB 228.3 MAN 3275 Caterpillar ECF-1a

TULUX T300 CF-4 DIESEL ENGINE OIL 10W-30 / 15W-40 / 20W-50

SINOPEC TULUX T300 Diesel Engine Oil is formulated with high-quality 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.

Available Size

5 Litre | 18 Litre | 200 Litre

Applications

- High-speed, low-emission, four stroke diesel engine in heavy duty on-and off-highway applicatons
- 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 & Benefits

- Excellent wear protection properties to extend engine life.
- Exceptional oxidation stability and dispersancy performance, preventing piston ring from sticking and maintaining engine cleanliness.
- Suitable for heavy duty, supercharged and high-power diesel engines and heavy-duty vehicles meeting Euro Ⅲ emissions standards.

Industry & OEM Specifications

API Service Classification	CF-4





TULUX CF-2 40 2T DIESEL ENGINE OIL

SINOPEC TULUX CF-2 40 2T Diesel Engine Oil is formulated with high-quality base oil and a multifunctional additive system. Formulated especially for severe duty, two-stroke cycle diesel engine applications.

Available Size

18 Litre

200 Litre

Applications

- Severe duty two-stroke cycle diesel engine applications that require a monograde API CF-2 oil.

Features & Benefits

- Excellent deposit control characteristics reduce the buildup of combustion chamber and valve-seat deposits, reducing wear and ensuring effective engine operation.
- Medium-ash formulation reduces the incidence of valve guttering.
- Good thermal and oxidation stability together with good detergency, ensures the oil not to break down or thicken at high temperatures, keeps the engine clean and extends component life.
- Excellent lubricity and anti-wear properties protect against engine wear and extend engine life.

Industry & OEM Specifications

API Service Classification	CF-2



TULUX CF DIESEL ENGINE OIL SAE 30 / 40 / 50

SINOPEC TULUX CF Diesel Engine Oil is formulated with high-quality base oil and a multifunctional additive system. Designed to meet the needs of off-highway, indirect- injected diesel engines and other diesel engines that use a broad range of fuel types.

Available Size

18 Litre

200 Litre

Bulk

Applications

- Diesel engines that require a monograde oil of API CF or CD quality.
- Diesel engines used in power generation.
- Diesel engines used to power dozers, excavators and mining equipment.
- Diesel engines used in low-speed, high-torque applications.

Features & Benefits

- Excellent deposit control characteristics reduce the build-up of combustion-chamber and valve-seat deposits and reduce piston-ring sticking, so minimising engine wear and ensuring effective operation.
- Excellent lubricity and anti-wear properties protect against engine wear and extend engine life.
- Excellent detergency and dispersancy ensure engine components clean when running on a broad range of fuel types.
- Good oxidation stability ensures the oil not to thicken at high temperatures and stay within grade for longer.
- Balanced formulation reduces the consumption of engine oil.

Industry & OEM Specifications

API Service Classification	CF