

Product	Sinopec TULUX CF/SF Diesel Engine Oil
Summary	Product description Sinopec TULUX CF/SF 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. Also suitable for gasoline engines that require a monograde oil of API SF quality.

Applications

Sinopec TULUX CF/SF Diesel Engine Oil is suitable for use in:

- 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.
- Gasoline engines that require a monograde oil of API SF or lower quality.

Features and 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 remain clean when running on a broad range of fuel types.
- Good oxidation stability ensures the oil will not thicken at high temperatures, and will stay in grade for longer.
- Balanced formulation reduces the consumption of engine oil.
- Suitable for mixed fleets so reduces inventory costs.

Product Data Sheet

Typical data

Sinopec TULUX CF/SF Diesel Engine Oil			
SAE grade	30	40	50
Kinematic viscosity, ASTM D 445			
cSt @ 40°C	101.1	160	204
cSt @ 100°C	11.6	15.5	18.4
High-temperature, high-shear viscosity (HTHS), ASTM D 4683			
cP @ 150°C	3.64	--	--
Viscosity index, ASTM D 2270	102	100	100
Total base number, mg KOH/g, ASTM D 2896	5.0	5.0	5.0
Pour point, °C, ASTM D 97	-24	-20	-18
Flash point (COC), °C, ASTM D 92	230	240	244
Density @ 20°C, kg/l, ASTM D 4052	0.885	0.887	0.891

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

Industry and OEM specifications

Sinopec TULUX CF/SF Diesel Engine Oil meets the performance requirements of the following industry specifications:	
API Service Classification	Diesel: CF; Gasoline: SF
GB ¹	11122-2006 (CF); 11121-2006 (SF)

¹ Note: 'GB' standards are the National Standards of the People's Republic of China.

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.

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