

Product	Sinopec Justar J600 5W-30 Engine Oil
Summary	Product description Sinopec Justar J600 5W-30 Engine Oil is a premium product formulated with synthetic technology base oils and a high-quality multifunctional additive package. Its ultra-cleaning formula protects against engine sludge, even when driven in modern stop–start traffic conditions, ensuring optimum engine performance.

Applications

Sinopec Justar J600 5W-30 Engine Oil is suitable for use in:

- Gasoline engines equipped with catalytic converters.
- Direct-injection gasoline engines with multi-valves and turbochargers, such as those in high-performance passenger cars, racing cars and coaches.
- Gasoline engines that require an API SN/ ILSAC GF-5 quality oil.

Features and benefits

- High viscosity index, synthetic technology base oils provide improved oxidation control compared to conventional oils, minimising the formation of sludge and deposits and reducing oil thickening. This ensures the oil stays in grade for longer and extends both oil and engine life.
- Excellent antiwear performance protects against engine wear and prolongs engine service life.
- The advanced low-ash additive system provides effective protection from deposits in gasoline engines equipped with turbochargers and electrically controlled high-pressure pump nozzles, and ensures optimum engine power output.
- Strict control of certain elements in the oil formulation ensures excellent catalyst compatibility and extends the life of three-way catalytic converters.
- Excellent temperature/viscosity characteristics ensure the protection of engine parts operating at both high and low temperatures.
- Low oil evaporation loss, a feature of the synthetic base oil, leads to improved fuel economy and reduces oil consumption, exhaust emissions and engine wear.
- Good elastomer compatibility ensures longer gasket and seal life.

Typical data

Sinopec Justar J600 5W-30 Engine Oil	
SAE grade	5W-30
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	61.56
cSt @ 100°C	10.37
Viscosity index, ASTM D 2270	158
Dynamic viscosity, CCS, ASTM D 5293	
cP @ -30°C	5270
High-temperature, high-shear viscosity (HTHS), ASTM D 4683	
cP @ 150°C	2.96
NOACK volatility, ASTM D 5800	8.4
Sulfated ash, wt%, ASTM D 874	0.94
Total base number, mg KOH/g, ASTM D 2896	8.5
Pour point, °C, ASTM D 97	-43
Flash point (COC), °C, ASTM D 92	230
Density @ 15°C, kg/l, ASTM D 4052	0.843

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

Industry and OEM specifications

Sinopec Justar J600 5W-30 Engine Oil meets the performance requirements of the following industry specifications:	
API Service Classification	Petrol/Gasoline: SN (Resource Conserving), SM, SL and earlier specifications
ASTM	D4485-2010
ILSAC	GF-5

Sinopec Justar J600 5W-30 Engine Oil meets the performance requirements of the following OEM specifications:	
Toyota	GF-5 5W-30

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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