

Product	Sinopec JUSTAR J700F SN/CF 5W-40 Engine Oil
Summary	Product description Sinopec JUSTAR J700F 5W-40 Engine Oil is a super-premium product formulated with Fully synthetic base oils and an advanced high-quality multifunctional additive package. Its ultra-cleaning formula protects engines from sludge, even when driven in modern stop–start traffic conditions, ensuring optimum engine performance.

Applications

Sinopec JUSTAR J700F SN/CF 5W-40 Engine Oil is suitable for use in:

- Various high-performance passenger cars equipped with multi-valves, turbochargers(TSI and TFSI) and direct-injection engines(GDI ,and SIDl), especially for electronic control direct-injection gasoline engines with turbochargers.
- Gasoline engines requiring API SN, SM, SL or SJ quality oil.
- Light load passenger cars using diesel fuel.

Features and benefits

- Using high-quality synthetic base oils, lasting protection and power for GDI engines with turbochargers.
- Effectively inhibiting the formation of engine sludge, reducing oil thickening, thereby keeping the product in grade for longer, extending oil life and allowing longer oil drain intervals.
- Excellent anti-wear performance protects against engine wear and prolongs engine service life.
- Excellent start-up performance at low temperature and lubricating properties at high temperature, suitable for different regions and all-weather use.

Product Data Sheet

Typical data

Sinopec JUSTAR J700F SN/CF 5W-40 Engine Oil	
SAE grade	5W-40
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	86.45
cSt @ 100°C	14.46
Dynamic viscosity, CCS, ASTM D 5293 cP @ -30°C	5630
High-temperature, high-shear viscosity (HTHS), ASTM D 4683 cP @ 150°C	3.78
Viscosity index, ASTM D 2270	174
NOACK volatility, ASTM D 5800	10.0
Sulfated ash, wt%, ASTM D 874	1.08
Total base number, mg KOH/g, ASTM D 2896	9.59
Pour point, °C, ASTM D 97	-41
Flash point (COC), °C, ASTM D 92	230
Density @ 20°C, kg/l, ASTM D 4052	0.849

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

Industry and OEM specifications

Sinopec JUSTAR J700F SN/CF 5W-40 Engine Oil meets the performance requirements of the following industry specifications:	
API Service Classification	Petrol/Gasoline: SN and earlier specifications
	Diesel: CF and earlier HDDEO specifications
ACEA Classification	A3/B3/B4
GB ¹	11122-2006 (CF)
Sinopec	Q/SH PRD 0474-2012 (SN)
Sinopec JUSTAR J700F SN/CF 5W-40 Engine Oil holds the following formal industry approvals/licences:	
API Service Classification	Petrol/Gasoline: SN

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

Sinopec JUSTAR J700F SN/CF 5W-40 Engine Oil meets the following formal OEM approvals:	
BMW	Longlife-01
MB	229.3
Sinopec JUSTAR J700F SN/CF 5W-40 Engine Oil holds the following formal OEM approvals:	
Porsche	A40
VW	502 00/505 00
Renault	RN 0700/0710

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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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