

Product	Sinopec JUSTAR J700F Engine Oil (Dexos1)
Summary	Product description Sinopec JUSTAR J700F Engine Oil (Dexos1) 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. Specially designed to meet the GM Dexos1 requirements for gasoline engines.

Applications

Sinopec JUSTAR J700F Engine Oil (Dexos1) is suitable for use in:

- Fuel-injected gasoline engines equipped with catalytic converters.
- Various high-performance passenger cars equipped with multi-valves, turbochargers and direct-injection engines, such as Buick, Chevrolet and Cadillac.
- Gasoline engines requiring a GM Dexos1, API SN/GF-5, SM/GF-4, SL/GF-3 or SJ/GF-2 quality oil.

Features and benefits

- Excellent detergent properties keep the engine clean and protect engine valves and turbochargers from deposits, ensuring optimum power output.
- Excellent oxidation stability protects against oil degradation and thickening, extending the time and mileage interval between oil changes and reducing maintenance costs.
- Outstanding antiwear performance reduces wear and prolongs engine service life.
- Excellent viscometric properties reduce engine friction and improve fuel economy and fuel economy retention.
- Catalyst compatibility ensures effective control of exhaust emissions.
- Resistance to aeration enables the optimum performance of fuel-saving devices such as variable valve timing.
- Excellent low temperature properties ensure engine protection, even at low temperature start-up.

Typical data

Sinopec JUSTAR J700F Engine Oil (Dexos1)		
SAE grade	5W-20	5W-30
Kinematic viscosity, ASTM D 445		
cSt @ 40°C	46.76	59.72
cSt @ 100°C	8.34	10.36
High-temperature, high-shear viscosity (HTHS), ASTM D 4683 cP @ 150°C	2.63	3.05
Dynamic viscosity, CCS, ASTM D 5293 cP @ -30°C	6,610	5,050
Viscosity index, ASTM D 2270	155	163
Total base number, mg KOH/g, ASTM D 2896	7.6	7.82
Pour point, °C, ASTM D 97	-45	-42
Flash point (COC), °C, ASTM D 92	230	233
Density @ 15°C, kg/l, ASTM D 4052	0.852	0.853

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

Industry and OEM specifications

Sinopec JUSTAR J700F Engine Oil (Dexos1) meets the performance requirements of the following industry specifications:	
API Service Classification	Petrol/Gasoline: SN, SM, SL and earlier specifications
ILSAC	GF-5, GF-4, GF-3 and earlier specifications
ASTM	D4485-2010
GB ¹	11121-2006 (SL)
Sinopec JUSTAR J700F Engine Oil (Dexos1) holds the following formal industry approvals/licences:	
API Service Classification	Petrol/Gasoline: SN/GF-5 5W-30

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

Sinopec JUSTAR J700F Engine Oil (Dexos1) holds the following formal OEM approvals:	
GM	Dexos1 (5W-20, 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.

The SINOPEC trademark is registered and protected.

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