

Product	<b>Sinopec JUSTAR JP1 Engine Oil</b>
Summary	<p><b>Product description</b></p> <p>Sinopec JUSTAR JP1 Engine Oil Range is <b>Super Synthetic</b> engine oil, formulated with high-quality super synthetic base oils and a multifunctional additive system for high-performance petrol and light duty diesel-powered vehicles. They provide super oxidation resistance, deposit control and wear protection, super low- temperature pumping and high-temperature lubricating performance.</p> <p>Available in five viscosity grades: SAE 0W-16, SAE 0W-20, SAE 0W-30, SAE 0W-40 and SAE 0W-50.</p>

## Applications

Sinopec JUSTAR JP1 Engine Oil is suitable for:

- Light duty gasoline engines, turbocharged or supercharged fuel-injected;
- Light duty diesel engines with turbocharged intercooled direct-injection;
- Light duty engines in passenger cars and light commercial vehicles with or without advanced exhaust emission systems (SCR/EGR/GPF/DPF/TWC, etc., for more details, see the following Technical Data Sheet.)
- High-performance new passenger cars, racing cars and coaches equipped with multi-valves, turbochargers and direct-injection engines.
- About petrol, E10, LPG/CNG/LNG and diesel, see more details in following Technical Data Sheet;

## Features and benefits

- High-quality synthetic base oils in combination with an advanced additive system provide super protection against engine sludge formation, excellent control of piston and ring deposits to continuously keep engine clean, and reduce the risk of LSPI and extend life of engine and GPF/DPF and three-way catalytic converters.
- Excellent low-temperature flowing performance and high temperature lubricating performance, allows it to cope with various harsh working conditions such as frequent stop & start and low-temperature starting, ensuring stable strong power output and bringing comfortable driving experience.
- Super anti-wear performance protects against engine wear and prolongs engine service life even under lasting harsh working conditions.
- Good elastomer compatibility ensures longer gasket and seal life, and prevents oil leakage and reduces emissions.
- Energy conserving: Friction reduction formulation helps to achieve low fuel consumption.

## Typical data

Sinopec JUSTAR JP1 Engine Oil					
Performance level SAE grade	SN/CF 0W-50	A3/B4/SP 0W-40	C2/SP 0W-30	C5/SP 0W-20	SP/GF-6B 0W-16
Vehicle with GPF or DPF	×	×	√	√	√
Petrol, E10, LPG/CNG/LNG	√	√	√	√	√
Diesel	×	√	√	√	×
Kinematic Viscosity@40°C, cSt , ASTM D445	98.9	79.0	51.0	42.5	28.5
Kinematic Viscosity@100°C, cSt , ASTM D445	17.1	14.1	9.8	8.1	6.6
Viscosity Index, ASTM D2270	189	185	182	168	197
Low-Temperature viscosity(CCS@-35°C), cP ASTM D 5293	5850	5510	5700	6000	4010
Sulfated ash, wt. %, ASTM D874	0.86	1.1	0.76	0.76	1.0
Density @ 20°C, kg/l, ASTM D4052	0.848	0.841	0.845	0.844	0.841
Pour point, °C, ASTM D97	-43	-43	-45	-42	-40
Flash point (COC), °C, ASTM D92	238	230	230	224	230

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

## Industry and specifications

Sinopec JUSTAR JP1 Engine Oil meets the performance requirements of the following industry specifications:					
Industry specifications	SN/CF 0W-50	A3/B4/SP 0W-40	C2/SP 0W-30	C5/SP 0W-20	SP/GF-6B 0W-16
API	SN/CF	SP	SP, SN Plus	SP, SN Plus,	SP/GF-6
ACEA	-	A3/B3, A3/B4	C2	C5	-
OEM	-	-	Ford WSS-M2C950-A  BMW LL12-FE  STJLR 03.5007  PSA B71 2302/2312	MB229.71  BMW LL-17 FE+ STJLR03.5006  Renault RN17FE Opel OV040 1547  VOLVO VCCRBS0-2AE  GM Dexos D	-
Sinopec JUSTAR JP1 Engine Oil holds the following industry approvals:					
API Service Classification	Petrol/Gasoline: SN(0W-40,0W-50); SP(0W-40, 0W-30,0W-20,0W-16), ILSAC GF-6(0W-16)				

## 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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