

Product	Sinopec FC Two Stroke Motorcycle Oil
Summary	Product description Sinopec FC Two Stroke Motorcycle Oil is formulated with a blend of high-quality base oils and an advanced additive system to ensure excellent engine cleanliness in applications such as high-performance two-stroke motorcycles, mopeds, scooters and snowmobiles, and in other two-stroke applications such as chainsaws and lawnmowers. It is pre-diluted to aid mixing when added to fuel.

Applications

Sinopec FC Two Stroke Motorcycle Oil is suitable for use in:

- Two-stroke gasoline engines operating under severe conditions, for example in air-cooled, medium to high-duty motorcycles, mopeds, scooters and snowmobiles.
- Two-stroke gasoline engines in equipment such as chainsaws, brush cutters, hedge cutters and lawn mowers.

Features and benefits

- Low-smoke formulation reduces the amount of smoke in exhaust emissions, reducing atmospheric pollution and ensuring a cleaner operating environment.
- Good oxidation and thermal stability characteristics ensure reduced engine carbon and ash deposits, keeping the spark plugs, pistons, piston rings, exhaust ports and exhaust system clean and so ensuring optimum engine power and acceleration and avoiding potential pre-ignition problems.
- Good antiwear and anticorrosion properties protect engine components from wear and corrosion, extending engine life.
- Pre-diluted formulation can be used in oil-injection systems in modern two-stroke motorcycle engines, or can be mixed with fuel in pre-mix systems.
- Recommended fuel: oil ratio between 25:1 and 50:1.

Product Data Sheet

Typical data

Sinopec FC Two Stroke Motorcycle Oil	
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	69.95
cSt @ 100°C	9.812
Viscosity index, ASTM D 2270	122
Sulfated ash, wt%, ASTM D 874	0.10
Pour point, °C, ASTM D 97	-18
Flash point (COC), °C, ASTM D 92	110
Density @ 20°C, kg/l, ASTM D 4052	0.867

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

Industry and OEM specifications

Sinopec FC Two Stroke Motorcycle Oil meets the performance requirements of the following industry specifications:	
GB ¹	GB/T 20420
ISO	L-EGC, 13738
JASO	FC, M 345

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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Issued: September 2011

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