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|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product | <b>Sinopec SJ MA 15W-40 4T Motorcycle Oil</b>                                                                                                                                                                                                                                                                                                                                                                                       |
| Summary | <b>Product description</b><br>Sinopec SJ MA 15W-40 4T Motorcycle Oil is formulated with high-quality base oils and a multifunctional additive system. It meets the requirements of the Japanese Automobile Standards Organization (JASO), part of the Society of Automotive Engineers of Japan, as a JASO MA quality product. This multigrade oil is suitable for four-stroke gasoline motorcycle engines fitted with wet clutches. |

## Applications

Sinopec SJ MA 15W-40 4T Motorcycle Oil is suitable for use in:

- Air or water cooled, four-stroke gasoline motorcycle engines, where a JASO MA quality oil is required.
- Especially suitable for motorcycles with engine capacity greater than 250 cc.
- Also suitable for use in other four-stroke gasoline engines in equipment such as generators, lawnmowers and light power equipment.

## Features and benefits

- Excellent detergent and dispersant properties, and good oxidation stability, keep the engine clean and reduce deposit formation, leading to improved engine performance and power, and extended engine life.
- Excellent shear stability keeps the oil in grade for longer and ensures optimum oil film thickness to protect moving engine parts.
- Good antiwear performance protects against engine and gearbox wear and extends component life.
- Good frictional characteristics ensure smooth wet clutch operation and gear changing.

# Product Data Sheet

## Typical data

|                                                            |        |
|------------------------------------------------------------|--------|
| <b>Sinopec SJ MA 15W-40 4T Motorcycle Oil</b>              |        |
| SAE grade                                                  | 15W-40 |
| Kinematic viscosity, ASTM D 445                            |        |
| cSt @ 40°C                                                 | 108.4  |
| cSt @ 100°C                                                | 14.60  |
| Viscosity index, ASTM D 2270                               | 140    |
| Dynamic viscosity, CCS, ASTM D 5293                        |        |
| cP @ -20°C                                                 | 5,920  |
| High-temperature, high-shear viscosity (HTHS), ASTM D 4683 |        |
| cP @ 150°C                                                 | 4.04   |
| Sulfated ash, wt%, ASTM D 874                              | 0.91   |
| Pour point, °C, ASTM D 97                                  | -30    |
| Flash point (COC), °C, ASTM D 92                           | 235    |
| 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

|                                                                                                                            |                     |
|----------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Sinopec SJ MA 15W-40 4T Motorcycle Oil meets the performance requirements of the following industry specifications:</b> |                     |
| API Service Classification                                                                                                 | Petrol/Gasoline: SJ |
| ISO                                                                                                                        | 24254               |
| JASO                                                                                                                       | MA, T 903           |

## 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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