

Product	<b>Sinopec Non-Detergent Lubricating Oil, SAE 30</b>
Summary	<b>Product description</b> Sinopec Non-Detergent Lubricating Oil, SAE 30 is blended using highly refined mineral base oils and a selected additive system. It is designed for use in various industrial applications where non-detergent oil is required.

## Applications

Sinopec Non-Detergent Lubricating Oil, SAE 30 is suitable for use in:

- Industrial applications where a non-detergent oil is specified.
- The SAE 30 viscosity grade also may be used in gasoline engines operated under such mild conditions that higher quality compounded oils are not required.
- Air compressors and hydraulic systems which require non-detergent oils, lubrication of bearings and chains in once-through systems and lubrication of compressor crankcases.
- Stationary and mobile units.

## Features and benefits

- Excellent lubricating properties protect moving compressor parts against wear and extend component life.
- The highly refined mineral base oil has outstanding thermal and oxidation stability and low carbon-forming tendency compared with conventional mineral oils, and this leads to good compressor cleanliness, reduced deposits and improved compressor efficiency, even when air discharge temperatures are high (up to 220°C).
- Reduced deposits in discharge lines, reducing the risk of fires and explosions.
- Good anti-rust and anticorrosion properties protect cylinders and discharge valves from rusting and corroding, enhancing equipment life and performance, and prolonging service intervals.
- Excellent water-separation characteristics ensure that condensed water vapour can easily be separated from the lubricant and prevent the formation of emulsions (which could block the oil/air separator (coalescer) in some compressors), therefore prolonging coalescer life, and reducing equipment downtime and maintenance costs.
- Improved oil quality leads to longer maintenance and overhaul intervals and extended oil drain intervals, compared with poorer quality products.

# Product Data Sheet

## Typical data

<b>Sinopec Non-Detergent Lubricating Oil, SAE 30</b>	
SAE viscosity grade	30
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	101.1
cSt @ 100°C	11.13
Viscosity index, ASTM D 2270	94
Aging characteristics (200°C, air, Fe <sub>2</sub> O <sub>3</sub> ), ISO 6617	
evaporation loss, %	5.76
Conradson carbon residue increase, %	1.14
Foaming characteristics, sequence 1, ASTM D 892	50/0
Neutralisation number, mg KOH/g, ASTM D 664	0.22
Rust prevention, rating, ASTM D 665	
distilled water	pass
Copper corrosion, 3 hours @ 100°C, ASTM D 130	1b
Sulfated ash, wt%, ASTM D 874	0.12
Pour point, °C, ASTM D 97	-12
Flash point (COC), °C, ASTM D 92	270
Density @ 15°C, kg/l, ASTM D 4052	0.877

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

# Product Data Sheet

## 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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