

Product	Sinopec Stationary Gas Engine Oil SAE 40
Summary	Product description Sinopec Stationary Gas Engine Oil SAE 40 is formulated with high viscosity index hydrogenated base oils and a new type of low-ash additive system. It is specially designed to meet the performance needs of modern highly rated, turbocharged stationary natural gas engines.

Applications

Sinopec Stationary Gas Engine Oil SAE 40 is suitable for use in:

- Highly rated, turbocharged stationary natural gas engines.
- Gas engines such as those manufactured by Caterpillar, Cooper and Waukesha.

Features and benefits

- Modern low-ash additive system reduces damaging carbon deposit formation, prolongs the life of spark plugs and reduces valve wear, and ensures optimum engine performance and power output.
- Excellent oxidation and nitration resistance protects against thickening and helps the oil stay in grade for longer, so extending oil drain intervals and filter life.
- Reduced coking protects against the formation of piston undercrown deposits.
- Good corrosion resistance protects bearings and other engine parts, and extends engine life.
- Excellent lubricity and antiwear properties protect against engine wear and liner scuffing.
- Low phosphorus formation ensures catalyst compatibility.
- Extended oil life reduces maintenance costs.

Typical data

Sinopec Stationary Gas Engine Oil SAE 40	
SAE grade	40
Kinematic viscosity, ASTM D 445	
cSt @ 40°C	92
cSt @ 100°C	14.91
Viscosity index, ASTM D 2270	92
Sulfated ash, wt%, ASTM D 874	0.47
Total base number, mg KOH/g, ASTM D 2896	5.47
Pour point, °C, ASTM D 97	-19
Flash point (COC), °C, ASTM D 92	244
Density @ 20°C, kg/l, ASTM D 4052	0.894

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

Industry and OEM specifications

Sinopec Stationary Gas Engine Oil SAE 40 meets the performance requirements of the following industry specifications:	
API Service Classification	Diesel: CF and CD
GB ¹	11122-2006 (CF)
Sinopec Stationary Gas Engine Oil SAE 40 holds the following formal industry approvals/licences:	
API Service Classification	Diesel: CF and CD

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

Sinopec Stationary Gas Engine Oil SAE 40 meets the performance requirements of the following OEM specifications:	
MAN	3271-2
Perkins	Gas Engine Oil Natural Gas
Sinopec Stationary Gas Engine Oil SAE 40 holds the following formal OEM approval:	
Shengli Oilfield Shengli Power Machinery Group Company Ltd	190 series engine oil instructions

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 in Australia.

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