

Product	<b>Sinopec GL-5 Heavy Duty Automotive Gear Oil</b>
Summary	<b>Product description</b> <p>Sinopec GL-5 Heavy Duty Automotive Gear Oil is blended with highly refined base stock oils of high viscosity index and well-chosen sulphur and phosphor multi-functional additives by internationally advanced process. It can meet the strict application requirements for drive axle of various vehicle manufacturers, large scale military or civil mixed fleet, or construction machinery.</p>

Available sizes



1L/4L/5L



PAIL – 18L



DRUM – 200L



IBC – 1000L

Also  
available  
in bulk

## Applications

Sinopec GL-5 Heavy Duty Automotive Gear Oil is suitable for use in:

- lubrication of drive axle (front/rear axle) and some transmission gears, especially for vehicles with hyperbolic gears, adaptable to conditions of high speed/low torque, low speed/large torque or high speed/shock load

## Features and benefits

- Well-chosen sulphur and phosphor compound additive, providing outstanding anti-wear property and carrying capacity, being capable of working in such strict conditions as climbing slope with heavy load, emergency brake and so on
- Outstanding thermal resistance and oxidation stability, effectively reducing formation of oxide
- Excellent extreme pressure and shock resistance abilities, effectively preventing chemical actions such as corrosion or spalling on surface of gear
- Balanced formulation, producing good anti-corrosion and anti-rust properties.

# Product Data Sheet

## Typical data

Sinopec GL-5 Heavy Duty Automotive Gear Oil							
SAE viscosity grade	75W-90	80W-90	85W-90	80W-140	85W-140	90	140
Kinematic viscosity, cSt @ 100°C, ASTM D 445	15.06	16.38	17.85	28.15	27.12	18.07	28.34
Flash point (COC), °C, ASTM D 92	230	233	240	258	279	262	269
Pour point, °C, ASTM D 97	-42	-30	-21	-27	-12	-18	-12

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

## Industry and OEM specifications

Sinopec GL-5 Heavy Duty Automotive Gear Oil meets the performance requirements of the following industry specifications:	
AP IGL-5	Benz MB 235.6
GB 13895	MIL-L-2105D

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## 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 (SDS) is followed. Please consult the SDS for more detailed advice on handling; SDSs 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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