

<b>Product</b>	<b>Sinopec Railroad Diesel Engine Oil G5</b>
<b>Summary</b>	<p><b>Product description</b></p> <p>Sinopec Railroad Diesel Engine Oil G5 is a LMOA “ Generation 5” oil, which is formulated with high-quality mineral base oils and a multifunctional additive to meet the requirements of the main railroad diesel engine manufacturers. The product is zinc-free, especially suitable for use in railroad engine with silver component that would be corrosive with zinc additives. Available in two SAE viscosity grades: 40 and 20W-40.</p>

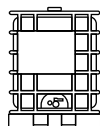
Available sizes



PAIL – 18L



DRUM – 200L



IBC – 1000L

Also  
available  
in bulk

## Applications

Sinopec Railroad Diesel Engine Oil G5 is suitable for use in:

- General Electric and EMD railroad diesel engines, for formulated with a additive package which is fully approved by GE and EMD.
- Railroad diesel engines which require a lubricant of LMOA Generation 5.
- Suitable for mixed fleet use, for which is also meet the requirement of API CD, CF and CF-2.

## Features and benefits

- Zinc-free and non-corrosive to silver component, ensuring excellent silver bearing lubricity.
- Excellent deposit control, ensuring engine cleanliness.
- Extended oil drain intervals to lower maintenance cost.
- Chlorine Free.
- 13 TBN

## Typical data

Sinopec Railroad Diesel Engine Oil G5		
SAE grade	40	20W-40
Kinematic viscosity, ASTM D 445		
cSt @100°C	15.28	15.75
Dynamic viscosity, CCS, ASTM D 5293		
cP @ -10°C		4,360
Mini-rotary viscometer (MRV), ASTM D 4684		
cP @ -15°C		11,500
Viscosity index, ASTM D 2270	101	114
Sulfated ash, wt%, ASTM D 874	1.48	1.46
Calcium, wt%	0.445	0.446
Zinc, ppm	<10	<10
Total base number, mg KOH/g, ASTM D 2896	13	13
Pour point, °C, ASTM D 97	-6	-21
Flash point (COC), °C, ASTM D 92	236	226
Density @ 20°C, kg/l, ASTM D 4052	894.5	891.2

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

## Industry and OEM specifications

Sinopec Railroad Diesel Engine Oil G5 meets the performance requirements of the following industry specifications:	
LMOA	Generation 5
API	CD, CF, and CF-2 <sup>(1)</sup> (1) Monograde only
GE	Generation 4LL Lubricating Oil
EMD	

## 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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