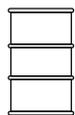


<b>Product</b>	<b>Sinopec L-CKC Moderate Duty Industrial Gear Oil</b>
<b>Summary</b>	<b>Product description</b> Sinopec L-CKC moderate duty industrial gear oil is blended with high quality base oil and multi-functional additive. It has good bearing ability, ensuring smooth operation of gears. The product comprises several grades such as 68, 100, 150, 220, 320, 460 and 680 according to its kinematic viscosity at 40°C.

#### Available sizes



PAIL – 18L



DRUM – 200L



IBC – 1000L



Also available in bulk

## Applications

Sinopec L-CKC Moderate Duty Industrial Gear Oil is suitable for use in:

- Enclosed industrial gear drives equipped with circulation or splash-lubrication systems, operating under normal, Moderate or shock-loaded conditions.
- Various light moderate duty industrial reducer and circulation lubrication system.

## Features and benefits

- Good carrying ability, ensuring smooth operation of gears, reducing scratch of gear surface, effectively reducing operation noise.
- Good thermal stability, strong anti-oxidation, reducing formation of various harmful oxides.
- Good oil-water separation ability and anti-foaming performance with long service life Available in a wide range of viscosity grades to meet the specific needs of the application.

# Product Data Sheet

## Typical data

<b>Sinopec L-CKC Modetate Duty Industrial Gear Oil</b>							
ISO viscosity grade	68	100	150	220	320	460	680
Kinematic viscosity, ASTM D 445							
cSt @ 40°C	66.92	98.20	145.4	222.5	322.5	472.5	648.9
cSt @ 100°C	8.411	11.04	14.18	19.08	24.34	32.39	40.82
Viscosity index, ASTM D 2270	94	97	94	96	96	99	103
FZG scuffing test, fail load stage, A/8.3/90, DIN 51354	12+	12+	12+	12+	12+	12+	12+
Timken OK load, lb, ASTM D 2782	45	45	45	45	45	45	45
Rust prevention, synthetic sea water, ASTM D 665B	pass						
Copper corrosion, 3 hours @ 100°C, ASTM D 130	1b						
Foaming characteristics, ASTM D 892							
sequence I	0/0	0/0	0/0	0/0	0/0	0/0	0/0
sequence II	20/0	10/0	10/0	10/0	10/0	10/0	20/0
sequence III	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Demulsibility @ 82°C, ASTM D 2711							
water in oil, %	0.9	1.0	0.8	0.5	0.5	0.9	0.8
emulsion, mL	0.2	0.5	0.3	0.2	0.5	0.2	0.60
separated water, mL	85.2	84.0	83.0	86.3	84.6	83.2	81.9
Pour point, °C, ASTM D 97	-21	-15	-15	-15	-15	-15	-8
Flash point (COC), °C, ASTM D 92	232	254	255	252	256	261	270
Density @ 20°C, kg/cm <sup>3</sup> , ASTM D 4052	870.5	885	889.8	893.1	894.7	896	900.8

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

## Industry and OEM specifications

<b>Sinopec L-CKC Modetate Duty Industrial Gear Oil meets the performance requirements of the following industry specifications:</b>	
ISO	12925-1 CKC
GB	5903 (2011)
AGMA	9005-E02
DIN	51517 CLP (Part 2)

# 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.

The SINOPEC trademark is registered and protected.

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Sinopec L-CKC Modetate Duty Industrial Gear Oil