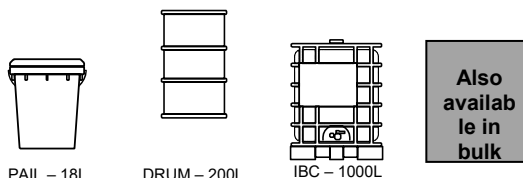


Product	Sinopec L-CKD Heavy Duty Industrial Gear Oil
Summary	Product description Sinopec L-CKD Heavy Duty Industrial Gear Oil is a range of high-performance gear oils formulated with high-quality mineral oils and an advanced multifunctional additive. These oils are designed for use in enclosed industrial gear drives where they offer excellent extreme pressure and load carrying properties.

Available sizes



Applications

Sinopec L-CKD Heavy Duty Industrial Gear Oil is suitable for use in:

- Suitable for metallurgy, cement, electric power, mining, rubber and plastic, fertilizer, coal and other industries with harsh working conditions closed gear transmission system.
- Suitable for spur gear, helical gear, bevel gear, bearing and so on as one of the oil bath type or circulating lubrication system.

Features and benefits

- Excellent extreme pressure bearing capacity, under heavy load or impact load working conditions, can reduce tooth surface abrasion, effectively reduce running noise, ensure smooth running of gear.
- Good thermal stability, strong oxidation resistance, can reduce all kinds of harmful oxides, sludge production, excellent corrosion resistance, effectively inhibit the corrosion of parts.
- Good oil - water separation ability and anti - foam, long service life.

Typical data

Items	Sinopec L-CKD Heavy Duty Industrial Gear Oil							
ISO viscosity grade	68	100	150	220	320	460	680	1000
Kinematic viscosity, ASTM D 445								
cSt @ 40°C	68.24	99.16	149.9	217.0	313.0	432.0	688.7	1002.0
Viscosity index, ASTM D 2270	92	93	95	97	98	100	102	110
Copper corrosion, 3 hours @ 100°C, ASTM D 130	1b	1b	1b	1b	1b	1b	1b	1b
Pour point, °C, ASTM D 97	-17	-17	-14	-12	-9	-9	-8	-8
Flash point (COC), °C, ASTM D 92	234	238	242	244	250	262	265	270

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

Industry and OEM specifications

Sinopec L-CKD Heavy Duty Industrial Gear Oil meets the performance requirements of the following industry specifications:	
ISO	12925-1
GB	5903
AGMA	9005-F16
AIST (US Steel)	224

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 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.

The SINOPEC trademark is registered and protected.

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Sinopec-L-CKD-Heavy-Duty-Industrial-Gear-Oil