

Product	Sinopec 1500 Steam Cylinder Oil for Trolley Bearing
Summary	<p>Product description</p> <p>Sinopec 1500 Steam Cylinder Oil for Trolley Bearing has good anti-wear, anti-oxidation and anti-corrosion properties, and has excellent adhesion performance. Especially for the cement industry trolley bearings, steam engine cylinders and lubricants in contact with the steam.</p>

Available sizes



PAIL – 18L



DRUM – 200L



IBC – 1000L

Also
available
in bulk

Applications

Sinopec 1500 Steam Cylinder Oil for Trolley Bearing is suitable for use in:

- Rotary kiln trolley bearings in cement industry.
- Steam engine cylinders.
- Lubricants in contact with the steam.

Features and benefits

- Excellent extreme pressure(EP) and anti-wear performance protect gear teeth and bearing surfaces against seizure, scuffing, spalling and wear, even in severe high-load and shock-loading conditions, extending component life and lowering operating noise.
- Excellent thermal and oxidation stability minimise the build-up of sludge and varnish deposits that can reduce component life; and ensure lubricant stability and longer life even with high bulk oil temperatures, reducing the maintenance costs associated with oil changes.
- Protection against copper corrosion and rusting extends the life of copper alloy sand steel components.
- Good antifoaming properties ensure optimum oil film thickness, protecting against wear, and minimising leakage and over flow from gear boxes and oil reservoirs.
- Excellent water separation properties prevent the formation of emulsion and allow excess water to be easily drained from the system, ensuring effective corrosion prevention, optimum lubrication and protecting components against surface fatigue and wear.
- Available in a wide range of viscosity grades to meet the specific needs of the application.
- Fully compatible with common seal materials, to extend seal life and prevent fluid leakage.

Product Data Sheet

Typical data

ISO viscosity grade	1500
Kinematic viscosity, ASTM D 445	
cSt @40°C	1553.0
cSt @100°C	82.71
Viscosity index, ASTM D 2270	109
FZG scuffing test, fail load stage, A/8.3/90, DIN 51354	12+
Four ball PB, N, ASTM D 2783	980
Rust prevention, synthetic sea water, ASTM D 665B	pass
Copper corrosion, 3 hours @ 100°C, ASTM D 130	1b
Pour point, °C, ASTM D 97	-7
Flash point (COC), °C, ASTM D 92	278
Density @ 20°C, kg/cm ³ , ASTM D 4052	898.6
Carbon Residue, %, ASTM D 4530	0.458
Mechanical impurities, ASTM D 473	none
Evaporation loss, %, ASTM D 5800	2.1

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

Industry and OEM specifications

Sinopec 1500 Steam Cylinder Oil for Trolley Bearing meets the performance requirements of the following industry specifications:	
SINOPEC	SHRHYXY 1082-2013

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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