

Product	Sinopec Synthetic High-Temp Steel Belt Oil SHT-518A
Summary	Product description Sinopec Synthetic High-Temp Steel Belt Oil SHT-518A is manufactured from ester oil with thermally stable oxidation inhibitors and special EP additives.

Available sizes



PAIL – 18L



DRUM – 200L



IBC – 1000L

Also
available
in bulk

Applications

- Sinopec SHT-518A is suitable for use in continuous belt presses manufacturing fibreboard, such as particle, MDF, HDF, OSB boards.
- Sinopec SHT-518A is used in the following systems: Dieffenbacher Conti-panel-system. Siempelkamp Conti-press-system. Yalian Conti-press-system.
- Complex lubrication points in the heating and compression area are: Steel belts, roller rod carpet, heating platens, roller bar chains, contact - pressure and alignment chains.

Features and benefits

- Outstanding anti-oxidation stability and very low evaporation losses at high temperature.
- Excellent anti-wear performance.
- Optimum solvability for used oil residues at the lubrication point.

Product Data Sheet

Typical data

Items	SHT-518A	Test Methods
Service temperature range	-20℃~250℃	/
Appearance	yellow, Transparent	Eye View
Kinetic Viscosity at 40℃, mm ² /s at 100℃, mm ² /s	~310 ~33	ASTM D445
Neutralization value, mgKOH/g	0.15	ASTM D664
Flash point, °C	285	ASTM D92
Pour point, °C	-30	ASTM D97
Evaporation loss (250℃, 1h) % (w)	2.0	SH/T 0059
Four-ball test: 150℃,1200rpm,400N,60min wear scar diameter, mm	0.50	ASTM D4172

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

Industry and OEM specifications

Sinopec Synthetic High-Temp Steel Belt Oil SHT-518A meets the performance requirements of the following industry specifications:

Sinopec

Q/SH303 0560—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.

The SINOPEC trademark is registered and protected.

Issued: March 2017

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Sinopec Synthetic High-Temp Roller Bar Oil SHT-518A