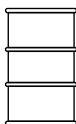


Product	Sinopec U8251 Isothermal Quenching Oil
Summary	Product description Sinopec U8251 Isothermal Quenching Oil is based on secondary hydrorefining mineral oil, added various functional additives such as high temperature antioxidant, cold reminder agent, brightener, applicable to small deformation of carburized steel, bearing steel, etc.

Available sizes



DRUM – 200L

Also
available
in bulk

Applications

Sinopec U8251 Isothermal Quenching Oil is suitable for use in:

- Suitable for both open quench tanks and enclosed quench tanks.
- Can be applied to deal with gears and bearings that require small amount of deformation.

Features and benefits

- Moderately accelerated quenching characteristics: Fast cooling rate in first and second stage of quenching, excellent hardening capacity.
- Slow cooling rate in the third stage of quenching, less deformation.
- Excellent oxidation resistance and thermal stability: Long lifetime, elimination for waste due to quench oil degradation.

Typical data

Sinopec U8251 Isothermal Quenching Oil	
Kinematic viscosity (100°C), mm ² /s	12.6
Flash point(COC), °C	264
Fire point, °C	294
Water content/%	None
Corrosion (T2 copper sheet, 100°C, 3h)	1
Pour point, °C	-15
Cooling characteristics, 120°C (SH/T 0220)	
Characteristic temperature, °C	660
t ₈₀₀₋₄₀₀ °C, s	3.4

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

Industry and OEM specifications

Sinopec U8251 Isothermal Quenching Oil meets the performance requirements of the following specification:	
SINOPEC	SH/T 0564-93

Notices

- Avoid to be mixed with water or impurities.
- Recommended using temperature: 80-140°C.

Packaging \storage and transportation

- 200L iron drum.
- Product logo packaging, transportation, storage, delivery and acceptance complies with SH/T 0164.

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 U8251 Isothermal Quenching Oil