

Product	Sinopec M1087 Special Cutting Oil
Summary	Product description SINOPEC M1087 Cutting Fluid is a multi-function emulsion recommended for heavy duty machining of ferrous metal and non-ferrous metal. SINOPEC M1087 Cutting Fluid is free of phenol and nitrite.

Available sizes



DRUM – 200L



Applications

Sinopec M1087 Cutting Fluid is suitable for use in:

- Suitable for machining difficult materials such as cast iron, carbon steel, stainless steels, alloyed steels, aluminium alloys or copper alloys.
- Shows excellent results by working with many operations like broaching, tapping, drilling, boring, reaming.

The concentration varies depending on the type of machining operation.

- General turning and milling: 5-8%
- Heavy duty machining: 8-15%

Features and benefits

- Excellent performance in lubricating, being used for heavy duty machining
- Outstanding cooling and flushing properties
- Good anti-corrosion capability, resulting in lower reject rate and decreasing maintenance cost related to corrosion problems of non-ferrous metal.
- Wide material/application range, assisting in reducing number of fluids in use and decreasing related purchase/warehouse cost.
- Good stability, ensuring long sump life
- Environmental compliance, free of phenol and nitrite
- Coating and general seal material compatibility

Typical data

Sinopec M1087 Cutting Fluid	
Appearance	Transparent liquid
PH of the emulsion at 5%	8.7
Rust prevention test of the emulsion at 5%	pass

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

Industry and OEM specifications

Sinopec M1087 Cutting Fluid meets the performance requirements of the following specification:	
SINOPEC	SHRHYXY15123-2008

Notices

- Avoid to be mixed with oil or impurities.
- Store in the original closed containers, Keep away from strong oxidizing agents, direct-sun exposure.

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.

Issued: March 2017

© Sinopec 2017

SINOPEC M1087 Cutting Fluid