

Product	SINOPEC Rock Drill Oil Moly 320
Summary	Product description SINOPEC Rock Drill Oil Moly 320 (RDO M 320) is formulated with high quality base oils and super multi-functional additives. The lubricant provides outstanding anti-wear, extreme pressure, adherence and emulsifying property, which can be used to meet the lubrication requirements of high speed, heavily loaded rock drills, drifters, hammers and other percussion and pneumatically operated equipment.

Available sizes



IBC – 1000L

Also available in bulk

Applications

Sinopec Rock Drill Oil Moly 320 is suitable for use in:

- High speed, heavily loaded rock drills, drifters, hammers and other percussion and pneumatically operated equipment.
- Rock drill equipment from Atlas Copco, Sandvik, Gardner Denver, Ingersoll Rand and other manufacturers.

Features and benefits

- Good lubrication and cooling properties, along with excellent extreme pressure and anti-wear performance due to the special organic molybdenum additive, protect drill parts from wear, even under the severe conditions of continuous shock loading, and lead to longer component life.
- A tackiness additive provides excellent adhesive properties and ensures that the oil clings to moving parts and is not easily flung or washed off, offering lower oil consumption and longer drill life.
- Rust and corrosion inhibitors protect metals parts, even when constantly exposed to moisture or corrosive environments.
- Good emulsifying properties prevent water from displacing the oil and wetting metal surfaces, and so as to ensure a good oil film is maintained protecting surfaces against wear and also preventing corrosion.

Product Data Sheet

Typical data

Sinopec Rock Drill Oil Moly 320	
ISO viscosity grade	320
Kinematic viscosity, cSt @ 40°C, ASTM D 445	327.5
Kinematic viscosity, cSt @ 100°C, ASTM D 445	26.79
Viscosity index, ASTM D 2270	108
Copper corrosion, 3 hours @ 100°C, ASTM D 130	1b
Pour point, °C, ASTM D 97	-24
Flash point (COC), °C, ASTM D 92	235
Rust Test (A)	Pass
4 Ball EP, Weld Point, kg	315

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

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 in Australia.

Issued: January 2025

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