



Rock Drill 1000

Rock Drill Lubricant

Description

Castrol Rock Drill Extra Heavy 1000 is designed for extreme loads in rock drill applications and formulated with extra high viscosity that increases the film strength during extreme loads. Castrol Rock Drill Extra Heavy 1000 is formulated with extreme pressure, rust, and corrosion protection additives while providing tackiness for adherence to drill surfaces. Castrol Rock Drill Extra Heavy 1000 meets the performance requirements of many rock drill manufacturers such as Ingersoll-Rand, Gardner- Denver, and Sullivan.

Rock drill splines are subject to sliding action under intense pressure. To prevent metal-to-metal contact, Castrol Rock Drill Extra Heavy 1000 provides outstanding extreme pressure characteristics in highly loaded pressures.

Features and Benefits

Castrol Rock Drill Extra Heavy 1000 delivers:

- Exceptionally high viscosity for excellent film strength during extreme loads.
- Advanced extreme pressure additives to prevent metal to metal contact.
- Excellent rust and corrosion protection. Protects drills during extended idle periods and the presence of heavily moisture-laden compressed air.
- Contains a tackiness agent that will provide excellent adhesive characteristics to drill surfaces.
- Good oxidation and nitration stability to prevent gumming of any parts exposed to high temperatures.

Castrol Rock Drill Extra Heavy 1000 is recommended for use in heavy-duty pneumatic rock drill applications such as Gardner-Denver, Chicago Pneumatic Worthington, Ingersoll-Rand, Joy, etc. Other air operated tools that require extreme pressure lubricant such as jackhammers, pavement breakers, smaller in plant pneumatic tools, drills, wrenches, etc.

Industry Specifications and OEM approvals

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Typical Physical Characteristics

Test	Method	Typical Results
Viscosity at 40° C, cSt	ASTM D-445	945
Viscosity at 100° C, cSt	ASTM D-445	54
Viscosity at 100F, SUS	ASTM D-2161	5900
Viscosity at 210F, SUS	ASTM D-2161	244
Viscosity Index	ASTM D-2270	108
Flash Point, °C (°F)	ASTM D-92	271 (520)
Pour Point, °C (°F)	ASTM D-97	-18 (-0.4)
Gravity, API	ASTM D-287	23.6
Specific Gravity @60F, g/ml	ASTM D-1298	0.91
Pounds per Gallon	ASTM D-287	7.61

* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

Additional Information

Part Numbers

ISO Grade	1000
Bulk	67550

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the Internet at www.castrol.com/us. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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