



Rock Drill Range

Rock Drill Oils

Description

Castrol Rock Drill™ Oils consist of selected mineral oils specially compounded with lubricity fortifiers, corrosion inhibitors and tackiness additives.

Application

Mining, quarrying, constructions, roadworks, tunneling and excavations.

Castrol Rock Drill Oils are recommended for the following well-known companies including Gardner-Denver, Atlas Copco and SIG.

However the correct grade should be selected against specific equipment and for local operating conditions. Most manufacturers include selection charts in their handbooks to assist in the selection of the correct grade.

Advantages

Design features and benefits of the Castrol range of high quality rock drill oils include:

- High film strength.
- Reduced friction.
- Provide a suitable seal between piston and cylinder.
- Reduced wear.
- Helps maintain maximum percussion efficiency.
- Preferentially adhere to metal surfaces and resist blow-off.
- Improved protection wear against wear caused by poor lubrication.
- Helps maintain operating speed.
- Reduced wear, allows operation in conditions of high or low temperatures.

Typical Characteristics

Name	Method	Units	Rock Drill 150	Rock Drill 320	Rock Drill 460
ISO Viscosity Grade	-	-	150	320	460
Relative Density at 15°C	g/ml	ISO 12185, ASTM D4052	0.89	0.90	0.90
Kinematic Viscosity at 40°C	mm ² /s	ISO 3104, ASTM D445	150	320	460
Kinematic Viscosity at 100°C	mm ² /s	ISO 3104, ASTM D445	14.7	24.2	30.5
Pour Point	°C	ISO 3016, ASTM D97	-15	-12	-9
Flash Point, COC	°C	ISO 2592, ASTM D92	240	255	255

The above data is typical and does not constitute a specification.

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