



Technical Data Sheet

CASTROL PATENT RD COMPOUND

DESCRIPTION:

Castrol Patent RD Compound Standard is a water-in-oil emulsion specially formulated with anti-wear, anti-rust and extreme pressure additives to protect internal rock drill components against wear, corrosion, high pressure and frictional loads and provide for cleaner, safer operating conditions.

APPLICATION:

Castrol Patent RD Compound Standard has been fortified to operate as an in-line air tool lubricant in all pneumatic rock drills operating on mines with moderate to severe operating conditions.

The compound is far more environmentally safe than conventional rock drill lubricants, due to its' high water content and the absence of heavy hydrocarbons.

Castrol Patent RD Compound Standard is supplied in sealed, ready-to-use plastic cartridges designed for use in conjunction with the Castrol Lubricator.

BENEFITS:

- Safe to use and environmentally friendly.
- Extended equipment life and higher productivity.
- Reduced repair and downtime costs.
- Composition of the product ensures cleaner operating conditions and operator comfort especially in confined spaces such as shaft sinking.
- The product ensures rapid start-up and maximizes productivity.
- Rock drill compounds are non-flammable, i.e "dieseling" which occurs in rock drill machines is prevented.
- The product does not become atomized into a mist at the exhaust of the drill, thus reducing fire and health hazards.
- Non-toxic, therefore not harmful to the skin.
- Equipment is protected from wear and corrosion.
- The extreme pressure additives ensure protection under high pressure and friction load.
- The product resists water wash-off, which ensures maximum lubrication where necessary.
- Contain no heavy hydrocarbons.
- Excellent anti-wear, anti-rust and extreme pressure additives.

PACKAGING:

Castrol Patent RD Compound Standard is available in 375ml and 500ml plastic cartridges.

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TYPICAL CHARACTERISTICS:

Castrol Patent RD Compound	Standard
Product Code	42179
Density @ 20°C (kg/l)	0.938
Brookfield Viscosity @ 23°C (mPas)	3400 - 3800
Emulsion Particle Size (Micron)	below 2
Flash Point (°C)	non-flam
Anti-wear Additives	yes
Water Content (%)	41
Colour	opaque

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