



**THE INNOVATIVE  
AUSTRALIAN**

## Product Data Sheet

### Rock Drill Oils Range

*High Performance, Extreme Pressure Mining and Industrial Oil*

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**Rock Drill Oils** are specially formulated for the lubrication of percussion type air tools. They have excellent EP properties, provide out rust protection, are non-corrosive to air tool parts and resist water washing. They are available in ISO viscosity grades 100, 150 and 320 to provide the correct choice for most operating or climatic conditions in Australia.

#### **Summary of Benefits:**

- **Protects surfaces in wet conditions:** Resist water washing by emulsifying slightly with moisture to form a strongly adhering lubricating film that provides good wear protection, protects against rusting and corrosion, and resists removal by additional water.
- **Prolongs equipment life:** Excellent extreme pressure and anti-wear properties are demonstrated by the ability of Rock Drill Lubes to exceed Gardner-Denver's Modified Weeks EP Test requirement of 2110 MPa (300,000 psi). In service, wear due to high speeds and heavy or shock loads is minimised. Inclusion of a tackiness agent insures adhesion to drill surfaces.
- **Trouble free operation:** Highly refined base oils with low carbon forming characteristics and oxidation inhibitors prevent the formation of sludge and deposits which can produce sluggish valve action. Effective anti-foam inhibitor resist foaming in air-line lubricators so oil feed to the tool will be uniform and easily controlled. Special anti-fogging additive minimises formation of fog in the drill exhaust.

#### **Applications:**

- For use in percussion type air tools of all kinds, including rock drills, concrete and paving breakers (jack hammers), pneumatic pile drivers, ballast tampers, rammers, riveting and chipping hammers etc.
- **Rock Drill Oils** are suitable for use with equipment from Atlas Copco, Consolidated Pneumatic, Gardner Denver, Ingersoll Rand, Yamamoto and other manufacturers except for Holman and Broomwade - use Hydrol AW 32 or Ultra Mono SAE 10W.

**Product Code:** 7034-7036

**Product Size:** 205L

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**WWW.ROYALLUBRICANTS.COM.AU**

**Brisbane:**

1-7 Potassium Street, Narangba,  
QUEENSLAND, AUSTRALIA 4504

**Tel: +61 7 3203 0089** Fax: +61 7 3203 3700

**...DRIVEN BY PERFECTION**

**Melbourne:**

40 Kimberley Road, Dandenong South,  
VICTORIA, AUSTRALIA 3175

**Tel: +61 3 9768 2441** Fax: +61 3 9768 3325

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### Rock Drill Oil

#### Typical Characteristics:

	<b>100</b>	<b>150</b>	<b>320</b>
Density at 15°C (kg/L)	0.87	0.88	0.90
Flash Point COC (°C)	204	215	232
Pour Point (°C)	-24	-20	-15
Kinematic Viscosity at 40°C mm <sup>2</sup> /s (cSt)	100	145	301
Kinematic Viscosity at 100°C mm <sup>2</sup> /s (cSt)	11.1	14.56	23.2
Viscosity Index	96	99	96
Sulphur (%m)	0.52	0.52	0.52
Phosphorus Mass (%m)	0.023	0.023	0.023

\*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

#### Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

#### Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website [www.royallubricants.com.au](http://www.royallubricants.com.au) or by email [info@royallubricants.com.au](mailto:info@royallubricants.com.au)

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