



HONING OIL

Cutting Oil

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PRODUCT CODE	PACK SIZE	CARTON QTY
HON020	20 litre	1



PENRITE

Description

Honing Oil is a special purpose, low viscosity, extreme pressure straight cutting fluid manufactured from pure hydrocracked base oils and carefully selected extreme pressure additives. It is designed to fulfil stringent manufacturers' requirements in the Australian market.

Honing Oil contains sulphur based extreme pressure additives and lubricity additives.

Application

Honing Oil is designed for the machining and honing of cast iron and free machining of steel when re-conditioning engine cylinder bores and heads.

Honing Oil is also suitable for thread cutting and deep hole drilling of tough to machine ferrous materials.

Note: Honing Oil is not to be used with copper or copper alloys and is not recommended for honing aluminium.

Product Benefits

- Excellent surface finish obtainable
- Economical operation by providing superior cooling with minimal drag out
- Maintains stone cleanliness and maximises operation life
- Removes heat from tool and work piece
- Facilitates rapid settling of swarf and chips
- Excellent anti-weld properties
- Low odour and misting
- Chlorine and zinc free

Typical Data

Density at 15°C, kg/L	0.862
Viscosity, Kinematic, cSt	
at 40°C	11.8
at 100°C	3.0
Sulphur (active), mass %	2.0
Flash Point, °C	1.6
Copper Corrosion, 3 hours at 100 °C	4a

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.



PENRITE OIL COMPANY PTY LTD, 88 Lewis Road, Wantirna South
 Victoria AUSTRALIA 3152, ABN 25 005 001 525
 Enquiries: Phone 1300-PENRITE (1300 736 748)
 Fax: 1800-PENRITE (1800 736 748)
 International: Phone: 61 3 9801 0877, Fax: 61 3 9801 0977
 New Zealand Ph: 0800 533 698, Fax: 0508 736 748

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 FAMILY OWNED
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United Kingdom and EU Ph: +44 (0) 1594 562357, Fax: +44 (0) 1594 564234
 Website: www.penriteoil.com, Email: penrite@penriteoil.com