



## PRODUCT & TECHNICAL DATA

# PRO BROACH OIL

## PREMIUM QUALITY, BROACHING FLUID

### DESCRIPTION

Pro Broach is a very high quality mineral cutting fluid with extreme pressure, fatty substances and extreme pressure (EP) additives. Pro Broach has a high level of EP additives and it is used for more heavy duty machining operations. It has a high intensity of oil film which was produced by sulphur, chlorine and phosphorus EP additives, and in high pressure and high temperature conditions it can effectively reduce the direct friction between metal surfaces and cutting tools, evidently prolong the tool life, lowered the roughness of metal surface and high precision of work-piece is guaranteed.

### APPLICATIONS

Pro Broach can be used on heavy duty machining operation of ferrous metal with especially difficult cutting performance, broaching, gear forming, gear tapping and drawing and deep drawing of ferrous metals. These evident effects are achieved in reducing cutting force, improving bright machined surface and precision of work-piece, prolonging the tool service life.

### FEATURES AND ADVANTAGES

- High EP additives for more heavy duty machining operations.
- High intensity of oil film.
- Especially long tool life achieved with its good aging resistant quality base oil.
- For use on ferrous metals.

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### PHYSICAL CHARACTERISTICS

Appearance	Brown
Viscosity @ 40 °C, DIN 51 562	32
Pour Point, °C, ISO 3016	-21
Flash Point, °C, ISO 2592	210

### GENERAL ADVICE

Further information on all Pro Oil SA lubricants is available from any Pro Oil SA office or from:  
[www.prooil.co.za](http://www.prooil.co.za)

These characteristics are typical of current production.  
Whilst future production will conform to Pro Oil SA's specification, variations in these characteristics may occur.

#### Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Pro Oil SA representative.

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