

# High performance products for all applications

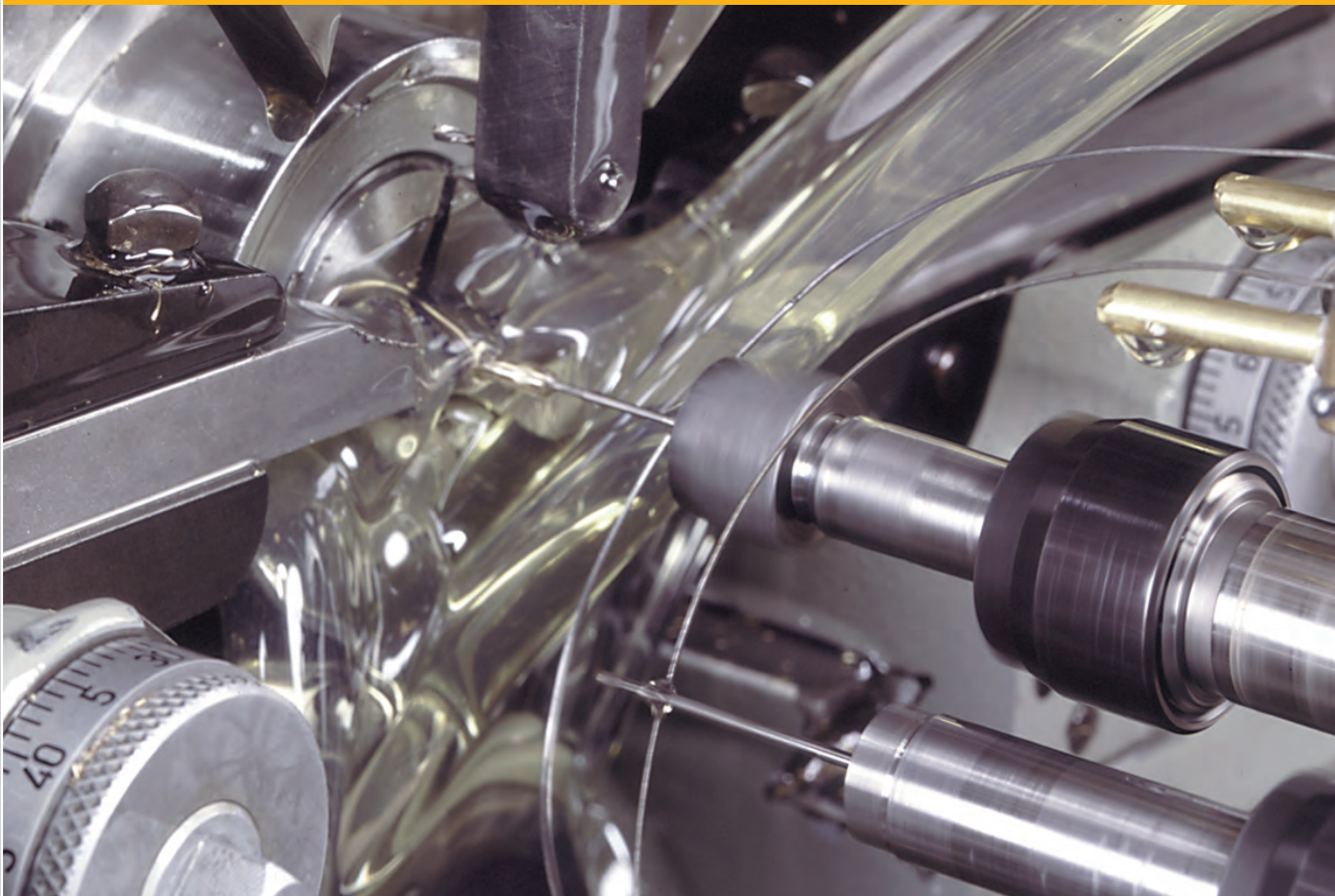
**Versatile high performance range of neat cutting fluids to meet all industrial metalworking requirements.**

Manufactured from specially selected base additives to give the maximum level of performance in key neat and drawing oil applications.

Working closely together with our experienced sales professionals we will endeavour to provide the products suited to your application, enhancing productivity, operator acceptability and overall helping you achieve productivity targets and cost downs.



**VAROL**  
LUBRICANTS





### Neat Cutting & Grinding Oils

Neat cutting oils offer superior performance where the demands upon the lubricant cannot be met by a water-based fluid, they cover a wide range of machining applications which include cutting, drilling, broaching, reaming, grinding, threading, honing and many others.

#### Varcut Cutting Fluids

We offer a range of neat oils ranging from general purpose to heavy duty formulations, suitable for a wide variety of machining and grinding operations.

- Improved tool life
- Chlorine free technology
- Low mist
- High operator acceptability
- Superior lubrication for difficult machining operations

#### Vargrind Grinding Fluids

- Outstanding surface finish
- Reduced burning and burnishing
- Low mist
- Excellent filterability
- High operator acceptability
- High detergency
  - Reduces wheel loading and dressing frequency
  - Increases tool cleanliness
  - Improves productivity

All of the above fluids with the correct segregation are also recyclable enabling end users to reclaim used products reducing usage costs and also disposal costs over the year.



### Neat Cutting Oils

#### Chlorine Containing EP

<b>Varcut 1108</b>	Heavy duty vertical broaching oils for large and difficult sections, turning, hobbing, deep hole boring, narrow diameters.
<b>Varcut 1158</b>	Heavy duty vertical broaching oil for alloy steels, plain and spline broaching.
<b>Varcut 1265</b>	Heavy duty horizontal broaching oil, turning, hobbing, deep hole boring for large diameters.
<b>Varcut 1220/1222/1320/2221</b>	Cost effective dual purpose chlorinated neat cutting and lubricating oils, for bar automatics, drilling and turning applications.
<b>Varcut 2120-A</b>	Deep hole boring, narrow holes, gun drilling, tapping, threading.
<b>Varcut 2228-A</b>	Hobbing, milling, broaching, heavy duty work on bar automatics.
<b>Varcut 2222</b>	Extreme pressure neat cutting oil formulated for heavy turning, tapping, thread forming, thread cutting and cold heading.
<b>Varcut 2223</b>	Dual purpose sulphur-chlorinated neat oil for threading, turning, and drilling.
<b>Varcut 2228</b>	Extreme pressure neat oil containing active sulphur used on arduous applications such as gun drilling and broaching designed specifically for high speed machining.
<b>Varcut 2103</b>	Designed for heavy duty honing applications.

#### Chlorine Free EP

<b>Varcut 4100-A</b>	Heavy duty vertical broaching fluid used on large and difficult sections, turning, hobbing and deep hole boring.
<b>Varcut 4222/4320/4220</b>	Neat oil for bar automatics for turning and threading non-ferrous materials contains anti mist additives.
<b>Varcut 3130</b>	High lubricity neat oil for machining copper and aluminium based alloys.
<b>Varcut 3152</b>	High lubricity and detergency using selective additives for machining medium tensile steels.
<b>Varcut 3222</b>	Multi purpose neat oil used as a rationalization grade with HLP Din 51-542 specification also containing lubricity additives.
<b>Varcut 4321</b>	Dual purpose neat cutting and lubricating oil, thread forming, cutting and turning.
<b>Varcut 4508-A</b>	Extreme pressure neat cutting oil used for gear hobbing, drilling, reaming.
<b>Varcut 4224</b>	Heavy duty HVI neat oil for very high pressure systems. Contains a unique combination of advanced additives and base oils that extends tool life giving consistent performance in arduous conditions.

#### Chlorine Free No EP

<b>Varcut 3061</b>	Used predominantly for the honing of cast iron light viscosity and high detergency to provide excellent flushing properties to prolong tool and stone life.
<b>Varcut 3100</b>	High lubricity product giving excellent surface finish on low and medium tensile steels used on a wide range of machinery and provides good detergency and swarf settling properties.
<b>Varcut 3108</b>	Light to medium duty cutting and forming oil, well suited to light rolling applications. Multi metal compatible with excellent detergency and wetting properties.
<b>Varcut 3040</b>	Designed for honing, grinding and cutting of cast iron contains an high lubricity ester and anti mist additives, excellent stain and corrosion protection.
<b>Varcut 3130</b>	High lubricity neat cutting oil for machining of copper and aluminium based alloys, contains anti mist additives.