



## Variocut G 725

High performance neat cutting oil

### Description

Castrol Variocut™ G 725 is a chlorine and heavy-metal free neat cutting oil.

### Application

Variocut G 725 is designed for grinding and general machining of cast iron and non-ferrous alloys.

.. suggested core application .. possible application, please consult Castrol representative prior to use

	Cast Iron	Low-medium alloyed steel	High alloyed steel / nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
Honing/ Superfinishing						
Grinding	..	..	..		..	..
Drilling					..	..
Broaching					..	..
Gear manufacturing					..	..
General machining	..	..	..		..	..

### Advantages

- Low foam characteristics, even at high pressures and flow rates, can lead to increased production rates
- Our additive technology can lead to high cutting and grinding efficiencies, increased tool life, improved surface finish and lower overall operating costs
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation
- Low odour, high flashpoint, low mist and light colour can result in high operator acceptability
- Our chlorine and heavy-metal free formulation helps to improve the environmental profile and reduces disposal costs

## Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Light Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm <sup>2</sup> /s	25
Flashpoint COC	ISO 2592 ASTM D 92	°C	198
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	1b

## Additional Information

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives							

## Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress. Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

Variocut G 725

01 Apr 2014

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

[www.castrol.com/industrial](http://www.castrol.com/industrial)