



Product Data

Variocut B 9

High performance neat cutting oil

Description

Castrol Variocut™ B 9 is a chlorine and heavy-metal free neat cutting oil, which is based on synthetic ester and mineral oil technology.

Application

Variocut B 9 is designed for high performance broaching and gear cutting operations of ferrous metals in aerospace industry.

Variocut B 9 contains active sulphur and is not compatible with yellow metals.

ü ü suggested core application ü 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	ü	ü ü	ü ü	ü ü		
Broaching	ü	ü ü	ü ü	ü ü		
Gear manufacturing	ü	ü ü	ü ü	ü		
General machining	ü	ü ü	ü ü	ü		

Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowers production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Our chlorine and heavy-metal free formulation improves the environmental profile and reduces disposal costs

Typical Characteristics

Name	Method	Units	Variocut B 9
Appearance	Visual	-	Yellow
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	11
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	160 / 320
Copper corrosion (3 hrs@100°C/212°F)	ASTM D130 / ISO 2160	Rating	4c
Density@15°C	NFT 60 172	g/ml	0.870

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

Variocut B 9

04 Jan 2022

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. 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 (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719
www.castrol.com/industrial