



Variocut C 215

High performance neat cutting oil

Description

Castrol Variocut™ C 215 is a chlorine free neat cutting oil.

Application

Castrol Variocut C 215 has been designed for ferrous alloy machining from grinding up to broaching application.

This product 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	ü	ü	ü			
Drilling	ü ü	ü ü	ü			
Broaching	ü	ü	ü			
Gear manufacturing	ü	ü ü	ü			
General machining	ü ü	ü ü	ü ü			

Advantages

- Low foam characteristics, even at high pressures and flow rates, can lead to increased production rates
- Selected additive technology can lead to extremely high cutting and grinding efficiencies, increased tool life, improve surface finish and lower overall operating costs
- Good wetting characteristics can reduce drag out and result in lower product usage
- Good filtering characteristics and high oxidation stability increase product lifetime
- Chlorine free which may help you to fulfil aspects of legislative requirements and waste treatment requirements where applicable

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Dark brown
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm ² /s	15
Density @ 15°C	DIN 51757 ASTM D 1298	kg/l	0.86
Flashpoint COC	ISO 2592 ASTM D 92	°C	>140
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	4b

Additional Information

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	ü	ü	ü	ü			ü

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.

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