

Variocut G 485

High performance neat cutting oil

Description

Castrol Variocut™ G 485 is a chlorine free neat cutting oil.

Application

Castrol Variocut G 485 has been designed for high speed, creep feed and gear grinding applications as well as for drilling operations.

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 ü	ü ü			
Drilling	ü ü	ü ü	ü			
Broaching						
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
- Low viscosity and excellent wetting characteristics 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		Light Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm ² /s	10
Density @ 15°C	DIN 51757 ASTM D 1298	kg/l	0.85
Flashpoint COC	ISO 2592 ASTM D 92	°C	>155
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	4b

Subject to usual manufacturing tolerances.

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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07 Oct 2015

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