Product Data

Variocut G 611

High performance neat cutting oil

Description

Castrol Variocut™ G 611 a neat cutting oil based on very low evaporation base oil technology formulated without chlorinated paraffines.

Application

Variocut G 611 is designed for high speed, creep feed grinding, especially gear grinding of ferrous and yellow metals with CBN and carborundum wheels.

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	ü	ü			ü ü	ü
Grinding	ü ü	ü ü	ü ü		ü ü	ü ü
Drilling					ü ü	ü ü
Broaching/ Gear manufactorin	ü ü	ü ü			ü ü	ü ü
General machining	ü ü	ü ü			ü ü	ü ü

Advantages

• Low oil mist and foam characteristics, even at high pressures and flow rates, can lead to a reduction in oil consumption and increased production rates
• Superior additive technology helps to improve cutting and grinding efficiencies, increased tool life, surface finish and can lower overall operating costs
• Low viscosity and excellent wetting characteristics can reduce drag out and helps to reduce product usage
• Good filtering characteristics and high oxidation stability can increase product lifetime
• Multi-metal machining using our superior additive technology may provides opportunity for product consolidation
• Formulated without chlorinated paraffines helps to improve the environmental profile and reduces disposal costs where applicable
• Low odour, light colour and low mist qualities can result in high operator acceptability

Berreteaga N°6, A, 48150, Sondika (Bizkaia) · mendoza@comercialmendoza.es

Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm²/s	10
Density @ 15°C	DIN 51757 ASTM D 1298	kg/l	0.824
Flashpoint COC	ISO 2592 ASTM D 92	°C	182°C
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	1b

Subject to usual manufacturing tolerances.

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

http://msdspds.castrol.com