



Product Data

Variocut C 334

High performance neat cutting oil

Description

Castrol Variocut™ C 334 is a neat cutting fluid formulated without chlorinated paraffines.

Application

Variocut C 334 is designed for grinding, drilling and general machining of cast iron and high alloyed steels.

This product contains active sulphur and is not compatible with yellow metals.

	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

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and helps to lower production costs through extended tool life
- Improved surface finish and increased cutting speeds can lead to improvement of process efficiency
- Formulated without chlorinated paraffines helps you to fulfil aspects of legislative requirements and waste treatment requirements that specify that this chemical is excluded
- Low viscosity and excellent wetting characteristics helps to reduce drag out and results in lower product usage

Typical Physical Characteristics

Subject to usual manufacturing tolerances.

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Amber
Viscosity @ 40°C	DIN 51562	mm²/s	9.6
Viscosity@ 100°F	ASTM D 446	[SUS]	65
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m³	864
	Calculated	lbs/gal	7.21
Flashpoint	ISO 2592	°C	>150
	ASTM D 92	°F	>300
Copper corrosion	ISO 2160 ASTM D 130	3 h at 100°C	4c

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 to the product safety data sheet.

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