



Product Data

Castrol Variocut C 334

High-performance neat cutting oil

Description

Castrol Variocut™ C 334 is a chlorine- and heavy metal-free neat cutting oil.

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	Aluminum alloys	Yellow metals
Honing/Superfinishing	-	-	-	-	-	-
Grinding	✓	✓	✓	-	-	-
Drilling	✓	✓	-	-	-	-
Broaching/Gear manufacturing	-	-	-	-	-	-
General machining	✓	✓	✓	-	-	-

Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties, and can help lower production costs through extended tool life, improved surface finish and increased cutting speeds.
- Improved surface finish and increased cutting speeds help improve process efficiency.
- Our chlorine- and heavy metal-free formulation improves the environmental profile and reduces disposal costs.
- Low viscosity and excellent wetting characteristics reduces drag-out and can result in lower product usage.

Typical Characteristics

Properties	Unit	Standard	Data
Appearance	Visual	Visual	Amber
Viscosity @ 40°C	mm ² /s	DIN 51562	9.6
Viscosity@ 100°F	[SUS]	ASTM D 446	65
Density @ 15°C	kg/m ³	DIN 51757 ASTM D 1298	864
	lbs/gal	Calculated	7.21
Flashpoint	°C	ISO 2592	>150
	°F	ASTM D 92	>300
Copper corrosion	3 h at 100°C	ISO 2160 ASTM D 130	4c

	Ester	Active sulphur	Inactive sulphur	Phosphorous	Calcium	Chlorine	Zinc
Additives	+	+	-	-	-	-	-

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