

Castrol Variocut C 335

High performance neat cutting oil

Description

Castrol Variocut™ C 335 is a chlorine and heavy-metal free neat cutting oil.

Application

Variocut C 335 is designed for general machining of high alloyed steel. It is also suitable for broaching and gear cutting of medium alloyed steel. Variocut C 335 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 lowers production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Our chlorine and heavy-metal free formulation improves the environmental profile and reduces disposal costs

Typical Characteristics

Properties	Unit	Standard	Data
Appearance	Visual	Visual	Amber
Viscosity @ 40°C	mm ² /s	DIN 51562	37
Viscosity@ 100°F	[SUS]	ASTM D 446	196
Density @ 15°C	kg/m ³	DIN 51757 ASTM D 1298	886
	lbs/gal	Calculated	7.39
Flashpoint COC	°C	ISO 2592	>180
	°F	ASTM D 92	>355
Copper corrosion	3 hr at 100°C	ISO 2160 ASTM D 130	4c

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	+	+	-	+	-	-	-

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