Castrol Variocut C 462

High performance neat cutting oil

Description

Castrol Variocut™ C 462 is a chlorine and heavy-metal free neat cutting oil.

Application

Variocut C 462 is designed for general machining of non-ferrous and medium alloyed steel.

	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 excellent lubricity properties and lowers production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation
- Our chlorine and heavy-metal free formulation improves the environmental profile and reduces disposal costs

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Yellow
Viscosity @ 40°C	DIN 51562	mm²/s	22
Viscosity@ 100°F	ASTM D 446	[SUS]	124
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m³	873
	Calculated	lbs/gal	7.29
Flashpoint	ISO 2592	°C	>180
	ASTM D 92	°F	>355
Copper corrosion	ISO 2160 ASTM D 130	3 h at 100°C	1b

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

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