

Variocut D 112

High performance neat cutting oil

Description

Castrol Variocut™ D 112 is a chlorinated paraffins and zinc free neat cutting oil.

Application

Variocut D 112 is designed for drilling, deep hole drilling, and general machining of steel, stainless steel and difficult to machine alloyed steel.

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

ü ü suggested core application ü possible application, please consult Castrol representative prior to use

	Cast Iron	Low alloyed steel	High alloyed steel / nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
Honing/ Superfinishing						
Grinding		ü	ü			
Drilling	ü ü	ü ü	ü			
Broaching						
Gear manufacturing						
General machining	ü ü	ü ü	ü			

Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and can help to lower production costs through extended tool life
- Improved surface finish and increased cutting speeds helps to improvement of process efficiency
- Chlorinated paraffins free may help you to fulfill aspects of legislative requirements and waste treatment requirements that specify that these chemicals are excluded
- Light colour and low mist can result in higher operator acceptability

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm ² /s	16
Density @ 15°C	DIN 51757 ASTM D 1298	kg/l	0.87
Flashpoint COC	ISO 2592 ASTM D 92	°C	204
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	4c

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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