

Castrol Variocut B 30

High performance neat cutting oil

Description

Castrol Variocut™ B 30 is a chlorine free neat cutting oil.

Application

Castrol Variocut B 30 is designed for arduous broaching of stainless steels and difficult to machine high tensile steel alloys. It is also suitable for gear hobbing, gear cutting and gear shaping. Variocut B 30 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		◊ ◊	◊ ◊ ◊			

◊ : indicating increasing suitability

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 free formulation improves the environmental profile and reduces disposal costs

Typical Physical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Amber
Viscosity at 40°C	DIN 51562	mm ² /s	22
Density at 15°C	DIN 51757	kg/m ³	851
Flashpoint COC	ISO 2592	°C	169
Copper corrosion	ISO 2160	3 h at 100°C	4c

Additional Information

	ester	active sulphur	total sulphur	phosphorous	chlorine	calzium	zinc
Additives	o	o	o	o			o

Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress. Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

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