



Product Data

Performance Bio CFX 85

High performance neat cutting and forming oil

Description

Castrol Performance BioTM CFX 85 is a high performance neat cutting and forming fluid formulated without chlorinated paraffins. It is based on renewable ester technology to provide superior lubricity properties.

Performance Bio CFX 85 is suitable for use in central systems as well as individual machines.

Application

Performance Bio CFX 85 is designed for severe cutting operations like broaching and demanding forming processes, such as drawing.

Performance Bio CFX 85 contains active sulphur and is therefore not recommended for yellow metals.

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

	Cast Iron	Low-medium alloyed steel	High alloyed steel / stainless steel	Titanium alloys	Aluminum alloys	Yellow metals
Honing/ Super finishing						
Grinding						
Drilling						
Broaching/Gear manufacturing	ü ü	ü ü	ü ü			
General machining	ü ü	ü ü	ü ü			
Stamping, Drawing, Fineblanking		ü ü	ü ü			

Advantages

- Advanced additive technology offers high lubricity properties that may help lower production costs through extended tool life
- Formulated without chlorinated paraffins can help fulfill aspects of legislative and waste treatment requirements that exclude chlorinated materials
- Low odor, light color and low mist qualities can result in high operator acceptance

Typical Characteristics

Properties	Unit	Standard	Data
Appearance	Visual	Visual	amber
Viscosity @ 40°C	mm ² /s	DIN 51562	85
Density @ 15°C	kg/m ³	DIN 51757 ASTM D 1298	950
Flashpoint COC	°C / °F	ISO 2592 ASTM D 92	170 / 338
Copper corrosion	3 hr at 100°C	ISO 2160 ASTM D 130	4c

Subject to usual manufacturing tolerances.

Additional Information

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	ü	ü	ü	ü			ü

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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