



Ilobroach 9 CF

High performance neat cutting oil

Description

Castrol Ilobroach™ 9 CF is a chlorine and heavy-metal free neat cutting oil, which is based on synthetic ester and mineral oil technology.

Application

Ilobroach 9 CF is designed for high performance broaching and gear cutting operations of ferrous metals in aerospace industry.

Ilobroach 9 CF contains active sulphur and is not compatible with yellow metals.

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

	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	Standard	Unit	Data
Appearance	Visual		Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm ² /s	11
Flashpoint COC	ISO 2592 ASTM D 92	°C	160
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	4c

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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