



## Ilocut™ 100

Chlorine, Sulfur-free Straight Machining Oil

### Description

Castrol Ilocut™ 100 (previously called 100 Cutting Oil) is a clear, sulfur- and chlorine-free cutting oil for machining nonferrous and free-machining steels. It works well in milling and turning operations, and is particularly effective in cutting free-machining steels where sulfur and chlorine are prohibited.

### Application

- Belt grinding
- Drilling
- Form grinding
- Milling
- Turning

### Advantages

- Unique polar lubricants improve tool life and surface finish.
- Resists foam under the most rigorous operating conditions.
- Eliminates clogging of fine orifices and valves.
- Light color provides visibility of the work piece.

### Typical Characteristics

Name	Method	Units	Ilocut 100
Appearance	CN-TM-007	-	Clear to light yellow
Viscosity @ 100°F	CN-TM-101	SUS	61 - 81
Specific Gravity @ 15°C	CN-TM-084	-	0.84 - 0.86
Flash Point COC	CN-TM-039	°C	184 - 190

Subject to usual manufacturing tolerances.

### Additional Information

#### Additives

Chlorine	Sulfur	Active Sulfur	Fat
-	-	-	√

## 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.

**This product was previously called 100 Cutting Oil. The name was changed in 2015.**

Ilocut™ 100

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