



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.

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