



Product Data

Ilocut™ 619

Neat cutting Oil

Description

Castrol Ilocut™ 619 (previously called Neatcut™ 619 CF) is a low viscosity neat oil designed for aluminium machining. The product is especially suitable for turning and tapping aluminium and its alloys. The products offers good thread form and finish and gives excellent swarf flushing and cooling characteristics.

Advantages

- Pale coloured, bland odour.
- Non staining to both ferrous and non-ferrous metals.
- Good oxidation Stability giving long service life.
- Excellent swarf release properties.

Typical Characteristics

Name	Method	Units	Ilocut 619
Appearance	Visual	-	Clear liquid
Colour	ASTM D1500	-	Light Amber
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m ³ / g/m ³	0.00085 / 0.85
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	11.0
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm ² /s	2.8
Pour Point	ASTM D97 / ISO 3016	°C/°F	-15°C
Flash Point (COC)	-	°C/°F	180°C

Subject to usual manufacturing tolerances.

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 Neatcut 619. The name was changed in 2015.

Ilocut™ 619

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