



Castrol Performance Bio™ NC Ultra Lite

Low Viscosity Cutting Oil

Description

Castrol Performance Bio™ NC Ultra Lite (previously called Performance Biolubes™ NuCut Ultra Lite) is a light viscosity high performance cutting oil. Formulated with plant based oils and select additives; it provides lubricity not typically found in conventional mineral-based cutting oils.

Application

- General purpose cutting and grinding
- Specifically suited for high pressure applications
- Milling, tapping, reaming, gear cutting and screw machining
- Sharpening high-speed steel and carbide cutting tools

Advantages

- Improves surface finish in machining and grinding operations
- Superior lubricity maximizes feed rates and improves productivity
- Cooler operating and less smoke allow higher operating speeds
- Drastically reduced mist generation
- Safe for all metals
- Improves centricity, accuracy and part run-out
- Improves part quality by reducing tool or wheel pressure
- Does not contain chlorine

Typical Characteristics

| Properties | Test Method | Units | Performance Bio NC Ultra Lite |
|-----------------------------|-------------|--------------------|-------------------------------|
| Appearance | CN-TM-007 | - | Light Yellow Liquid |
| Viscosity, Kinematic @ 40°C | ASTM D445 | mm ² /s | 13 - 17 |
| Flash Point, COC | ASTM D92 | °C | 170 - 175 |
| Volatile Organic Compounds | ASTM E1868 | g/L | 40 - 46 |

Storage

To avoid product deterioration always keep the container/drum tightly sealed. For optimum product stability, store between 5°C/41°F and 45°C/113°F in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. It is preferable to store the product indoors.

For more details, please refer the product safety data sheet.

This product was previously called Performance Biolubes™ NuCut Ultra Lite. The name was changed in 2015.

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