



Performance Biolubes NuCut Ultra Lite

Low Viscosity Cutting Oil

Description

Castrol 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

| | Test Method | Units | Value |
|------------------------------|-------------|--------------------|---------------------|
| Appearance | Visual | - | Light Yellow Liquid |
| Viscosity, Kinematic @ 40°C | ASTM D 445 | mm ² /s | 15 |
| Viscosity, Kinematic @ 100°F | ASTM D 445 | SUS | 77.4 |
| Flash Point, COC | ASTM D 92 | °C / °F | 173 / 345 |
| 4-Ball Wear | ASTM D 4172 | mm | 0.45 |
| Volatile Organic Compounds | ASTM E 1868 | g/L | 43 |

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