



## Product Data

# Performance Biolubes NuCut Lite

Low Viscosity Cutting Oil

## Description

Castrol Performance Biolubes NuCut Lite is a light viscosity high performance cutting oil. Formulated with natural plant based oils and select additives, it provides lubricity not typically found in conventional mineral-based cutting oils.

## Applications

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

## Advantages

- Improves surface finishes in machining and grinding operations
- Superior lubricity maximizes feed rates and improves productivity
- Reduces chip welding so tools maintain a free cutting surface
- Cooler operating temperatures and minimal smoke allow for higher operating speeds
- Reduction in 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
- High flash and fire points

## Typical Properties

	Value	Test Method
Appearance	Light Yellow	Visual
Viscosity @40°C, cSt	24.8	CN-TM-101
Viscosity @100°F, SUS	137	CN-TM-101
Flash Point, COC °C (°F)	215 (420)	CN-TM-039
4-Ball Wear, mm	0.45	ASTM D 4172
Pour Point, °C (°F)	-22 (-8)	ASTM D 97
VOC (E 1868) – g/L	10	CN-TM-122

Castrol Performance Biolubes NuCut Lite  
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