



## Product Data

# Performance Biolubes NuCut Plus

Bio-Based Cutting Oil

## Description

Castrol Performance Biolubes NuCut Plus is a multi-purpose high performance cutting fluid. Formulated with plant based oils and select additives, it provides lubricity not typically found in conventional mineral based cutting oils. Its natural viscosity index allows this product to maintain viscosity in high temperature operations without the need for additives.

## Applications

- General purpose cutting and grinding
- 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
- Minimal mist generation
- Safe for all metals
- Improves centricity, accuracy and part run-out
- Improves part quality by reducing tool or wheel pressure
- Will help your business comply with ISO-14000
- Does not contain chlorine
- High flash and fire points
- Can be used as a multi-purpose product for cutting and lubrication of the machine

## Typical Properties

	Value	Test Method
Appearance	Light Yellow	Visual
Viscosity @40°C, cSt	45	CN-TM-101
Viscosity @100°F, SUS	229	CN-TM-101
Flash Point, COC °C (°F)	282(540)	CN-TM-039
4-Ball Wear, mm	0.44	ASTM D 4172
Pour Point, °C (°F)	-20 (-4)	ASTM D 97
VOC (E1868)- g/L	4	MW-TM-122

Castrol Performance Biolubes NuCut Plus  
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