



## Product Data

# Performance Biolubes NuCut Grind

Bio-Based Grinding Oil

## Description

Castrol Performance Biolubes NuCut Grind is an light viscosity, high performance cutting oil specifically designed for grinding of ferrous and non-ferrous metals. Formulated with high quality plant based oils and select additives, NuCut Grind has high levels of lubricity to outperform conventional mineral based grinding oils.

## Applications

- General purpose surface and centerless grinding

## Advantages

- Improves surface finishes in grinding operations
- Superior lubricity maximizes feed rates and improves productivity
- Cooler operating temperatures and reduced smoke allow for higher operating speeds
- Reduced levels of mist
- Safe for all metals
- Improves centricity, accuracy and part run-out
- Improves part quality by reducing wheel pressure
- Does not contain chlorine
- High flash and fire points

## Typical Properties

	Value	Test Method
Appearance	Light Yellow	Visual
Viscosity @ 40°C, cSt	16	ASTM D 445
Viscosity @ 100°C, cSt	8.5	ASTM D 445
Flash Point, °C (°F)	230 (446)	ASTM D 92
Fire Point, °C (°F)	245 (473)	ASTM D 92
Pour Point, °C (°F)	-20 (-4)	ASTM D 97
Cu Corrosion	1b	ASTM D 130-56

Castrol Performance Biolubes NuCut Grind  
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