



Product Data

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.

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 finish 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 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
- High flash and fire points

Typical Properties

	Value	Test Method
Appearance	Light Yellow	Visual
Viscosity @40°C, cSt	16.0	CN-TM-101
Viscosity @100°F, SUS	88	CN-TM-101
Flash Point, COC °C (°F)	173 (345)	CN-TM-039
Fire Point, °C (°F)	262 (504)	ASTM D 92
4 Ball Wear, mm	0.45	ASTM D 4172
Pour Point, °C (°F)	-22 (-8)	ASTM D 97
VOC (E1868) – g/L	43	MW-TM-122

Castrol Performance Biolubes NuCut Ultra Lite
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