



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.

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 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 Characteristics

	Test Method	Units	Value
Appearance	Visual	-	Light Yellow Liquid
Viscosity, Kinematic @ 40°C	ASTM D 445	mm ² /s	24.8
Viscosity, Kinematic @ 100°F	ASTM D 445	SUS	137
Flash Point, COC	ASTM D 92	°C / °F	215 / 420
4-Ball Wear	ASTM D 4172	mm	0.44
Volatile Organic Compounds	ASTM E 1868	g/L	10

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