



## Performance Biolubes NuCut Ultra Lite

High performance neat cutting oil

### Description

Castrol Performance Biolubes NuCut Ultra Lite is a low viscosity, chlorine free high performance neat cutting oil. It is based on synthetic hydrocarbons and renewable ester technology to provide superior lubricity properties.

### Application

Performance Biolubes NuCut Ultra Lite is designed for drilling, gear manufacturing and general cutting operation of ferrous and non-ferrous metals.

	Cast Iron	Low-medium alloyed steel	High alloyed steel / nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
Honing/ Superfinishing	☺	☺	☺	☺	☺☺	☺☺
Grinding	☺	☺	☺	☺	☺	☺
Drilling	☺☺	☺☺		☺☺	☺☺☺	☺☺
Broaching/Gear manufacturing	☺☺	☺☺		☺☺	☺☺☺	☺☺
General machining	☺☺	☺☺		☺☺	☺☺☺	☺☺

☺☺☺ core application ☺☺ recommended application ☺ suggested application, please consult Castrol representative

### Advantages

- Low oil mist and foam characteristics, even at high pressures and flow rates, leads to a reduction in oil consumption and increased production rates
- Excellent flushing and lubrication properties extend grinding and honing wheels life and enable high surface finish and dimensional accuracy
- Low viscosity and excellent wetting properties reduces drag out and results in lower product usage
- Good filtering characteristics and high oxidation stability increases product lifetime
- Our chlorine free formulation improves the environmental profile and reduces disposal costs
- High flashpoint, low odour, light colour and low mist qualities improves the work environment
- Multi-metal machining using our superior additive technology provides opportunity for product consolidation

## Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual		Light Yellow
Viscosity @ 40°C	DIN 51562 ASTM D 445	mm <sup>2</sup> /s	16
Viscosity @ 100°F	ASTM D 445	SUS	88
Flashpoint COC	ISO 2592 ASTM D 92	°C/°F	173/343
Copper corrosion	ISO 2160 ASTM D 130	3 hr at 100 °C	1b

## Storage

To avoid product deterioration, keep the container/drum tightly sealed always. Prevent any frost and water ingress. Store it in a cool and dry place away from direct sunlight. It is preferable to store the product indoors always. For more details, please refer the product safety data sheet.

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