

TECHNICAL DATA SHEET

ULTRA NC145

Metal free neat cutting oil

Code 7610

DESCRIPTION

Callington Ultra NC145 is a chlorine and heavy metal free neat cutting oil. Ultra NC145 is designed for general machining of medium alloyed steel and non-ferrous metals.

FEATURES AND BENEFITS

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowering production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Multi-metal compatibility using our superior additive technology provides opportunity for product consolidation
- Our chlorine and heavy metal free formulation improves the environmental profile and reduces disposal costs



APPLICATION

Ultra NC145 is designed for general machining of medium alloyed steel and non-ferrous metals.

	Cast Iron	Low-Medium Alloyed Steel	High alloyed steel/nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
General Machining	√	√	√	√	√	√

TYPICAL PHYSICAL CHARACTERISTICS

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Brown
Viscosity @ 40°C	DIN 51562	mm ² /s	35
Density @ 15°C	DIN 51757 ASTM D1298	kg/m ³	877
	Calculated	lbs/gal	7.32
Flashpoint COC	ISO 2592 / ASTM D92	°C	>190
Copper corrosion	ISO 2160 / ASTM D130	3 hr at 100°C	1b

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Product Code	Packaging
7610/51	20 litres
7610/64	200 litres

STORAGE

Keep container closed, prevent exposure to frost, and prevent water ingress. Store in cool, dry conditions, and avoid direct sunlight. Indoor storage is preferable.

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