



Excelcut 445E

Ester based neat cutting fluid

Product code: N191

Product Description:

Excelcut 445E is a biodegradable neat cutting fluid based on a synthesised ester derived from a fatty acid of vegetable origin and is formulated to provide outstanding cutting performance while having high levels of operator acceptability.

Excelcut 445E is an ultra-low odour, low misting product capable of providing the ultimate surface finish on a variety of metal grinding and cutting operations, and is particularly suitable for machining aluminium. This ultra-high lubricity cutting fluid promotes extended tool life and increased production rates.

Benefits:

- Pale coloured
- Very low odour
- Low misting
- Outstanding lubricity
- Multi metal compatible
- Excellent surface finish
- Prolonged tool life
- Biodegradable
- Chlorine and mineral oil free

Applications:

Excelcut 445E can be successfully used in a variety of difficult applications on aluminium and other ferrous and non-ferrous materials and is ideally suited for use with spray misting equipment where its resistance to gumming is particularly advantageous.

Typical Test Data:

Appearance	Pale yellow/colourless liquid
Specific Gravity @ 15.6°C	0.860
Kinematic Viscosity @ 40°C (cSt)	8.5
Flash Point PMCC (°C)	215
Copper Corrosion, 3hrs @ 100°C	Class 1

Health & Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.