



EXCELLENCE IN LUBRICANTS

TECHNICAL DATA SHEET

Excelcut 450E



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Excelcut 450E

Ester based neat cutting oil with high EP

Product code: N197

Product Description:

Excelcut 450E is a synthetic neat cutting fluid based on a synthesised ester derived from a fatty acid of vegetable origin. It is fortified with a synergistic combination of extreme pressure and high lubricity additives which provide outstanding cutting performance while having high levels of operator acceptability.

Excelcut 450E is an ultra low odour, low misting product capable of providing the ultimate surface finish on a variety of metal grinding and cutting operations. 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, non-staining formulation
- Excellent surface finish
- Prolonged tool life

Application:

Excelcut 450E is recommended for a wide variety of arduous machining operations on a range of both ferrous and non-ferrous materials. These include drilling, tapping and threading on materials ranging from stainless steels to yellow metals and aluminium alloys. Excelcut 450E has been extremely successful as a rationalisation product where it has replaced two or more previously used neat cutting oils. It is highly recommended for use on sliding head automatic machines.

Typical Test Data:

Specific Gravity @ 15.6°C	0.884
Kinematic Viscosity @ 40°C (cSt)	11.6
Flash Point COC (°C)	200
Copper Corrosion	Class 1b
Colour	Pale yellow
Appearance	Clear & bright

Health & Safety:

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