PRODUCT INFORMATION

ISOCUT E 10

NON WATER DILUTABLE METALWORKING FLUID, ESTER-BASED

DESCRIPTION

ISOCUT E 10 is a modern machining oil for universal applications and materials.

The metalworking fluid is suitable for machining steel, grey cast iron, stainless steel, aluminium, copper, brass and other non-ferrous metals.

ISOCUT E 10 is applicable in the following processes: turning, drilling, milling, reaming, thread forming, tapping, deep hole drilling and sawing.

Due to its excellent lubricity and chlorine-free EP additives, this cutting fluid provides high performance in the most diverse processes.

BENEFITS

- high performance
- low evaporation loss
- low oil mist formation
- outstanding lubricity
- can be sprayed or flood applied
- universally suitable across metals and processes
- excellent as an MQL
- biodegradable
- optimum safety and hygienic conditions to the operators

In order to achieve the best machining results in combination with hydraulic fluids, it is recommended to refer to the PETROFER ENVOLUBRIC series, these having the same raw material base. This will not only avoid mixing with mineral oils, but will also keep an almost constant cutting performance in case of hydraulic leakage and subsequent contamination.

TECHNICAL DATA

Copper corrosion (DIN EN ISO 2160)	1 b
Storage temperature	5 - 35 °C
Shelf life	observe the use by date on the container

PHYSICAL DATA

Appearance	light yellow
Density/ 20 °C (DIN 51757)	approx. 0.876 g/cm³
Viscosity/20 °C (DIN 51562/1)	approx. 19 mm²/s
Viscosity/40 °C (DIN 51562/1)	approx. 10.5 mm²/s
Flash point (ISO 2592)	> 210 °C
Pour point (ISO 3016)	approx. - 25 °C

Only valid in combination with EC Safety Data Sheet
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