PRODUCT INFORMATION

ISOCUT LG-T 14

CHLORINE-FREE DEEP HOLE DRILLING OIL

PETROFER
industrial oils and chemicals

DESCRIPTION

ISOCUT LG-T 14 is an innovative machining oil especially for deep hole drilling and medium heavy cutting operations.

Due to the high flash point and excellent evaporating stability, high safety requirements are achieved along with much lower oil losses during production.

ISOCUT LG-T 14 is suitable for machining steel, grey cast iron, stainless steel, aluminium, nickel-based alloy and titanium.

The deep hole drilling oil can be used in the following processes: turning, drilling, milling, reaming, thread forming, tapping, deep hole drilling and sawing.

BENEFITS

- high flash point
- high resistance to evaporation
- high additive content
- longer tool life
- perfect workpiece surfaces
- reduced oil mist formation
- low oil losses
- suitable for steel, Al and Mg alloys
- for medium to heavy machining processes

ISOCUT LG-T 14 contains chemically active EP-additives, fatty substances and corrosion prevention inhibitors.

TECHNICAL DATA

Copper corrosion (DIN EN ISO 2160)	4 c
Storage temperature	5 - 35 °C
Shelf life	observe the use by date on the container

PHYSICAL DATA

Appearance/20 °C	yellowish liquid
Density/20 °C (ASTM D 7042)	approx. 0.839 g/cm³
Viscosity/ 20 °C (ASTM D 7042)	approx. 27 mm²/s
Viscosity/ 40 °C (ASTM D 7042)	approx. 13 mm²/s
Flash point (ISO 2592)	> 180 °C
Pour point (ISO 3016)	< - 25 °C

Only valid in combination with EC Safety Data Sheet
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