

REFILL MACHINING COOLANT

IPOL CUT T-60

Description :

Ball pen Refills are a product of micro machining where the clearances through which the ink flows are in microns. Normally the operations are performed at high speeds in multi-centre special purpose machines to achieve mirror finish.

The coolants for such machines have to provide adequate cooling to the tools, ability to flush job surfaces and provide lubrications to the tool-cutting surfaces. In spite of the low viscosity, the product needs to have anti-fogging properties to keep the working environment clean.

Salient Features :

IPOL CUT T-60 is a product of our R&D expertise to meet the needs of the industry in the competitive times. It is formulated from high quality, low viscosity and high V.I. base oils plus additives to provide effective machining performance in wide variety of operations. The oil is light coloured and transparent so that the work area can be clearly seen at all times.

Application :

- Designed for light to moderate duty cutting applications and are also suitable as machine tool lubricant and hydraulic oil.
- Recommended for machining aluminum, magnesium and copper alloys, along with ferrous and non ferrous metals.
- Particularly suited for deep hole drilling and similar high speed operations.
- For steels and cast irons having a Brinell hardness up to 200.

Benefits :

- Longer tool life resulting in to increased production and reduced down time.
- Improved surface finish and good dimensional accuracy.
- No staining of slide ways and machine tool fixtures.
- Helps contribute to a safer and pleasant working environment.

Product Data

Typical Results : IPOL CUT T-60

Characteristics	Test Methods IS 1448	Results
Appearance	Visual	Bright & Clear
Pour Point °C	P:10	-6
Specific Gravity @ 30°C	P:32	0.826
Flash Point (coc)° C	P:69	180
Viscosity cSt @ 40°C	P:25	9.9
Copper Strip Corrosion @100°C / 3 Hrs	P:15	1A
Acidity mg KOH/gm	P:2	Less than 1

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