

HONING, REAMING AND LAPPING OIL

IPOL ST CUT 90 SF

Description:

For Finishing operations like Honing, Reaming or Lapping or for Aluminum machining, low viscosity mineral oil based products are used as coolants. The properties of the products used in all these operations overlap and usually a **multipurpose formulation** are marketed to take care of these situations.

Salient Features:

- **IPOL ST CUT 90 SF** is specially formulated with a unique combination of refined light viscosity mineral oil with organic acid soaps and it is free from sulfur and chlorine.
- It has excellent lubricity characteristics.

Application:

- Can be used for both ferrous and non-ferrous metal
- Would be useful for other operations such as machining, turning , drilling and tapping of Aluminum alloys.
- Can be washed using a neutral / alkaline detergent or a solvent cleaner.

Benefits:

- Suitable for all metals
- Excellent flushing and lubricity properties.
- Ensure good surface finish
- Can achieve extended stone life
- Environment friendly
- Achieve consolidation of inventory and overall economy

Product Data

Typical Results: IPOL ST CUT 90 SF

Characteristics	Test Methods	Results
Appearance	Visual	Bright & Clear
Colour	Visual	Red
Density @15°C	ASTM D 1298	0.87
Flash Point COC°C	IS 1448 P-69	112
Pour Point °C	IS 1448 P-10	- 3
Viscosity cSt @40°C	IS 1448 P-25	4.5
Polar Compounds	IS 1448 P-55	Present
Copper Strip Corrosion	IS 1448 P-16	1A
Acidity Mgms KOH/gm%	IS 1448 P-2	0.3
Four Ball EP Weld load Kg. Min	ASTM D 2783	126

The above data is typical & does not constitute a specification. The information provided is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification.

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