

IPOL ST CUT 55

Description:

This is a medium viscosity clear bright oil for machining of alloy-steels, where high temperature operations with high degree of chemical activity is required. Specially useful in severe machining conditions.

Salient Features:

Blended with refined mineral oil stocks and active sulphur, chlorine and other oiliness additives. Very effective over wide range of temperatures and with excellent surface finish.

Performance Standard : IS 3065 - 1985 (Reaffirmed 1995) Type III Gr. 2

Application:

- Specifically recommended for gear hobbing and thread cutting operations.
- Suitable for all machining operations on high tensile Steels and on stainless Steel and heat resistant alloys.
- Not recommended on yellow metals.

Benefits:

- Long tool life and least down time.
- Low Fuming and no misting.
- Provides excellent surface finish by controlling surface Stresses.
- Help to economize on machining operations.

Product Data

Typical Results:

Characteristics	Test Methods IS 1448	Result
Appearance	Visual	Bright & Clear
SP. Gravity @ 30°C	ASTM D 1298	0.887
Flash Point COC°C	P-69	204
Pour Point °C	P-10	(-) 6
Viscosity cSt @ 40°C	P -25	36.2
Copper Corrosion 3 hrs. @ 100°C	P -15	4C
Sulphur	Qualitative	Positive
Chlorine	Qualitative	Positive

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