

**NEAT CUTTING OIL****IPOL ST CUT 1334****Description:**

The quality of the cutting fluid is of great importance since it not only removes the metal chips but also has to provide adequate lubrication to the tool cutting edges, as the tool travel-speed sometimes exceeds 200 mm per minute.

It is very essential for these fluids, to use the right viscosity coolant to ensure good flushing action for the swarf and to maintain the high viscosity flow of the fluid.

**Salient Features:**

IPOL ST Cut 1334 is a petroleum based neat cutting oil with low viscosity mineral oil containing a high quality fat and sulphur based additive package with antifoaming properties.

**Application:**

- It is primarily for deep hole drilling, boring and Gear cutting operation.
- IPOL ST Cut 1334 gives continuous accurate cutting with so opportunity to check results while the cutting action is on.
- Not recommended on yellow metals.

**Benefits:**

- Enhanced lubricity
- Effective EP additives for good chip formation.
- Rapid Flushing action to clean swarf.
- Reduced tool wear to give dimensional accuracy. .

## Product Data

Typical Results : IPOL ST Cut 1334

Characteristics	Test Methods	Result
Appearance	Visual	Pale to Amber
SP. Gravity @ 30°C	ASTM D 1298	0.860
Flash Point COC°C	IS:1448 P-69	140
Viscosity cSt @ 40°C	IS:1448 P -25	11.0
4 Ball EP Weld Load KG's	--	350

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