

## **Machine Tool Oil**

### **IPOL Dual Purpose Oil 46**

#### **Description:**

For their smooth operation modern machine tools mainly need two lubricants viz a **hydraulic oil** to work the hydraulics of the machine and a **cutting oil** ( job coolant cum tool lubricant) to facilitate trouble free machining. It is not always possible to avoid contamination of the coolant system with the hydraulic oil or vice a versa. In either case it is an expensive exercise and some times may prove disastrous. To obviate this possibility, the latest trend is to use specially formulated **dual purpose** products.

#### **Salient Features:**

- **IPOL Dual Purpose oil 46** is manufactured to ISO VG 46 specifications, with refined mineral oils and advanced additive technology to give adequate EP properties with excellent lubricity characteristics.

#### **Application:**

- Specially designed to operate both in the Hydraulic and the machining systems, for general machining of **ferrous and non-ferrous** metals.
- This can also be used as a dual purpose oil for machine lubrication and cutting oil in certain tool application.

#### **Benefits:**

- Improves surface finish and help improve process efficiency.
- Provides an opportunity for product consolidation.
- Chlorine, sulphur free technology helps improve the environmental profile and helps reduce disposal costs.

## Product Data

### Typical Results: IPOL Dual Purpose oil 46

Characteristics	Test Methods IS 1448	Results
Appearance	Visual	Bright & Clear
Colour	ASTM D 1500	1.5
Spec. Gravity @ 30°C	P -32	0.871
Flash Point COC°C	P-69	220
Viscosity cSt @40°C	P-25	48
Viscosity cSt @100°C	P-25	7.43
Viscosity Index	P-56	118
Copper Strip Corrosion	P-15	1A

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