

### IPOL BROACHING OIL NO. 1

#### Description :

Broaching is the severest amongst the various machining operations.

The cutting fluid used for broaching should have maximum anti-weld and extreme pressure properties in order to ensure high accuracy and finish to the job. IPOL Broaching Oil No.1 is a chlorinated, sulphurized neat cutting oil with pale/dark colour.

#### Salient Features :

- Blend of specially selected light bodied base oils and additives to withstand extreme pressures.
- Offers enhanced cooling and smooth polished surfaces.
- High flash point and excellent EP characteristics.

#### Application :

- Specially suitable for broaching and gear cutting steel, stainless steels and Nickel alloys.
- It is recommended for non-ferrous metals.

#### Benefits :

- Long broach life.
- Excellent heat dissipation.
- Quick chips separation.
- Low mist formation.
- Provides optimization of product range
- Economical in terms of cost per unit.

## Product Data

### Typical Results: IPOL BROACHING OIL NO. 1

Characteristics	Test Methods IS 1448	Results
Appearance	Visual	Bright & Clear
Specific gravity @ 30°C	P:32	0.963
Flash Point COC°C	P-69	186
Viscosity cSt @40°C	P-25	16.0 - 18.0
Chlorine	P-50	Present
Sulphur	--	Present
Fats	--	Present

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