



## Product Data

### Castrol Ilocut 156™

Heavy Duty, Multi Metal, General Machining Neat Oil

### Description

*This product is blended from highly refined mineral oils and non-active Sulphurized fatty oils. Incorporation of non-active sulphur prevents staining/corrosions of cuprous metals but at the same time, releases sulphur at higher temperatures to function as an effective anti-chip weld agent. These oils are useful on older machines where cross contamination with hydraulic/lubricating oils is likely.*

### Application

*The grade contains the highest dosage of Sulphurized fatty additives in this range, yet it may be used on cuprous metals without any risk of sulphur tanish. The high content of Sulphurized fatty additives ensures excellent finish even with deep cuts and high speed operations. Due to its high film strength, it offers extended tool life. This grade is used in high speed nut forming machines.*

### Advantages

*This product offers:*

- ◆ *Excellent tool life*
- ◆ *Improved surface finish*
- ◆ *Ideal grade for rationalisation*
- ◆ *Non-corrosive and non-staining properties on cuprous metals.*

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### Characteristics

Characteristics	Typical Value
Appearance	Clear and bright Amber Fluid
Relative density @30degC	0.910
Kinematic Viscosity @40deg C cSt	65
Flash point deg C (open cup)	180
Copper strip corrosion @ 100degC for one hour	1b
Additives	Sulphurized fat

*Non-staining and non-corrosive to cuprous metals.*

*The above are typical figures and do not constitute a specification.*

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