



Product Data

Castrol Ilocut 242

High Performance Neat Cutting Oil

Description

Castrol Ilocut™ 242 is a neat cutting fluids based upon re-refined base oils and highly refined mineral oil formulated without chlorinated paraffines. It is especially developed to optimise machining performance, enhance surface finish and help to lower the overall operating costs.

Ilocut 242 is suitable for use in central systems as well as individual machines.

Application

Ilocut 242 is designed for general machining of cast iron, low to medium alloy steel and non-ferrous metals.

√√ suggested core application √ possible application, please consult Castrol representative prior to use

	Cast Iron	Low-medium alloyed steel	High alloyed steel / nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
Honing/ Superfinishing						
Grinding						
Drilling						
Broaching/Gear manufacturing	√√	√			√√	√√
General machining	√√	√√	√		√√	√√

Advantages

- Multi-metal machining using our superior additive technology may provides opportunity for product consolidation
- Excellent detergency and dispersancy properties help preventing residues or deposits on work piece
- Excellent wetting characteristics can reduce drag out and result in lower product usage
- Good filtering characteristics and high oxidation stability helps to increase product lifetime
- Formulated without chlorinated paraffines helps you to fulfil aspects of legislative requirements and waste treatment requirements that specify that this chemical is excluded

Typical Characteristics

Name	Method	Units	Ilocut 242
Viscosity, Kinematic 40C	DIN 51562	mm ² /s	41
Density @ 15C	DIN 51757	g/ml	0.865
Appearance	Visual		Clear&Bright
Copper Corrosion, 3hrs @ 100C	DIN EN ISO 2160	Rating	1A
Flash Point, COC	DIN-ISO 2592	°C	230

Subject to usual manufacturing tolerances.

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