



Product Data

## Castrol CareCut SL 10 XBB

High performance semi-synthetic metalworking fluid

### Description

Castrol CareCut™ SL 10 XBB is a semi synthetic metalworking fluid based on synthetic ester technology, which is formulated without formaldehyde releasing agents and boron. It contains an additive package that helps to enhance machining performance and surface finish, provides good product stability and can lower the overall operations costs. CareCut SL 10 XBB is suitable for large central systems and single sump machines.

### Application

CareCut SL 10 XBB is especially designed for machining of cast iron and low-medium alloyed steel. Product is suitable to be used on aluminum cutting too.

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

	Cast Iron	Low-medium alloyed steel	High alloyed - stainless steel	Aluminum alloys	Magneisum alloys	Yellow metals
Grinding	√√	√√	√√	√		√
Milling, Turning (general machining)	√√	√√	√	√		√
Drilling	√√	√√		√		√
Reaming, Tapping	√√	√		√		√
Broaching	√√	√		√		√

### Advantages

- Extended fluid life can help to reduce maintenance and downtime.
- Low foam in recommended water conditions (see details below).
- Good anti-corrosion properties help to protect machine tools and parts.
- Good wetting properties can help to reduce coolant drag out and help deliver cleaner machine tools and components.
- Formulated without formaldehyde releasing agents and boron which help you to fulfil aspects of legislative requirements and waste treatment requirements that specify that these chemicals are excluded.
- Suitable for a wide range of materials and applications provides opportunity for product consolidation.

## Typical Characteristics

CareCut SL 10 XBB			
Density @ 15C, Relative	ASTM D4052	g/ml	0.998
Colour Concentrate	Visual	-	Yellow
Appearance, 4% 100 ppm CaCO <sub>3</sub>	NFT 60-193	-	Opalescent
pH, 4%	NFT 60-193	-	9.8
Refractometer Factor	Supplier	-	1.9

Subject to usual manufacturing tolerances.

## Recommended Concentrations

Grinding	4-7%
General Machining	5-8%
Drilling	6-10%
Reaming	7-11%
Broaching	8-15%
Water range	50-800 ppm CaCO <sub>3</sub>

Castrol CareCut SL 10 XBB

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