



## Product Data

# Carecut S 130

High-performance Synthetic Microemulsion Cutting and Grinding Fluid

## Description

Carecut™S 130 is a high performance synthetic microemulsion cutting and grinding fluid formulated for difficult machining of aluminum alloys. This high lubricity fluid is designed for use in applications where critical surface finishes are required. Carecut S 130 resists foaming in very high-pressure coolant applications and provides long fluid life in central systems.

## Advantages

- Increased boundary lubrication provides extended tool life and excellent part finishes
- Resists fungal and bacterial attack to extend fluid life and reduce maintenance and machine downtime
- Excellent wetting properties reduce fluid drag-out and deliver clean machine tools and components
- Versatile fluid suitable for mixed-metal machining
- Oil-free, synthetic technology provides reduced mist and low smoke operation

## Characteristics

	Unit	Test Method	Value
Appearance of Concentrate	-	Visual	Clear yellow fluid
Appearance of Dilution	-	Visual	Transparent fluid
pH of Dilution	@ 5%	-	9.1 – 9.7
Specific Gravity	@ 60°F (16° C)	CN-TM-086	0.923 –0.943
Bulk Density	lbs/gal	-	7.8
Chlorine	-	-	No
Nitrites	-	-	No
Phenols	-	-	No

## User Advice

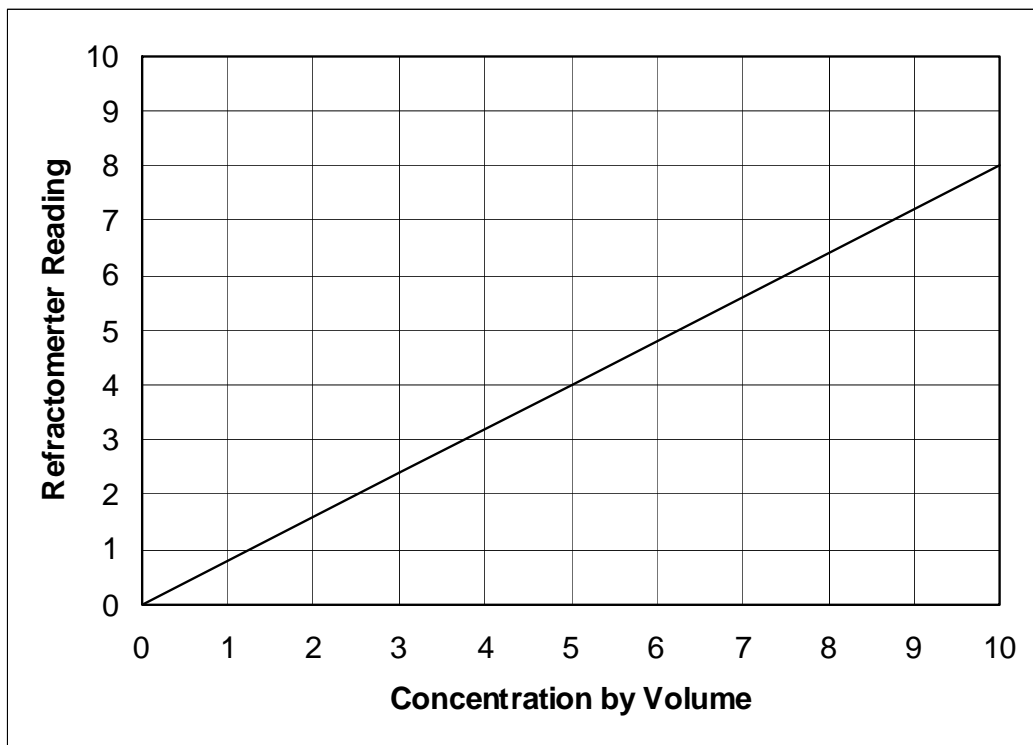
Carecut S 130 is recommended for machining of aluminum alloys and ferrous metals. Consult your Castrol Account Manager for questions regarding compatibility.

# Recommended Concentrations

Machining: 5-10%

## Additional Information Concentration Control

Refractometer Reading	% Concentration
2.4	3.0
4.0	5.0
5.6	7.0
8.0	10.0



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