

AmberCut™ 389R

High Purity Synthetic Coolant

Description

AmberCut 389R is a completely synthetic, water soluble coolant formulated for high tech manufacturing applications. Its unique formula contains very low levels of anion and cation contaminants such as chloride, sulfate, calcium and sodium making it excellent for use in clean room environments. AmberCut 389R is specifically designed for coolant systems where minimal substrate contamination is critical. Additionally, AmberCut 389R combines a special corrosion protection package with a broad spectrum biocide to provide outstanding system protection. Recommended uses include cutting, slicing and grinding of ceramic materials as well as the general machining of non-ferrous metals, plastics and composites.

Features and Benefits

- Provides excellent lubrication for cutting, slicing and grinding
- Water soluble and will not leave films or residues
- Contains <5 ppm total anion and cation contaminants
- Ideal for machining ceramics, light metals, plastics and composites
- Will not corrode Al, FeNi, manganese or cobalt alloys
- Biodegradable and poses no health or environmental risks
- Synthetic formula facilitates cleaning
- Does not contain dyes or fragrances

Typical Physical Properties

Appearance	clear, amber liquid
Specific gravity @20°C	1.06
LBS/gallon	8.79
pH (concentrate)	9.10
pH (5% solution)	9.00
Flash point	None

Recommended Process Parameters

AmberCut 389R should be diluted with water to a concentration of 1.0% - 5.0%.

Availability

Bulk, 55 gallon drums, 5 gallon pails, 1 gallon containers



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