



## TECHNICAL DATA SHEET

**PRODUCT** **INDY SYNTECH C**  
**Soluble Cutting Oil**

### DESCRIPTION

INDY Syntech C is an emulsifiable metalworking fluid formulated using a combination of naphthenic oils and additives that exhibit extreme pressure and corrosion inhibition properties. INDY Syntech C is suitable for use in a wide range of general machining operations, including heavy duty milling, threading, broaching, turning and gear cutting operations. INDY Syntech C has excellent performance in both hard and soft waters, and exhibits low foam characteristics. INDY Syntech C contains a biocide package to ensure resistance to bacteria and moulds.

### APPLICATION

INDY Syntech C is suitable for use in machining operations and as a general purpose coolant for CNC machining and flexible machining centres. INDY Syntech C can be used in heavy duty applications such as milling, broaching and gear cutting.

#### Recommended Dilutions

Machining	2.5 to 5%
Grinding	2.0 to 4 %
Heavy duty operations	Up to 10%

### TECHNICAL CHARACTERISTICS

Appearance	Florescent green
Density at 20°C	1040 (typical)
Emulsion stability	
- 24 hrs in 200ppm hard water	Clear - no separation
- 24 hrs in 400ppm hard water	Clear - slight scum
Thermal stability	
- 24 hrs at 0°C	Clear and stable
- 24 hrs at 50°C	Clear and stable

### PACK SIZES

210L, 20L

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Based on available information, this product is not expected to produce harmful effects to health when used for the intended application. MSDS are available on request or via the internet. Used oil is potentially hazardous to your health and the environment. Dispose of used oil correctly and according to legislation.

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