

Chesterton 380 Machinery Coolant

Category : Fluid

Material Notes:

Description: Chesterton® 380 Machinery Coolant is a high-performance, low maintenance, synthetic metal working fluid. It provides superior lubricity and cooling for a variety of machining operations. It is recommended for alloy steels, cast irons and exotic metals. Machinery Coolant will provide maximum protection against bacterial growth and is very tolerant to hard water. It is usable for a broad range of machining operations ranging from slow speed applications to high speed turning. It is ideal for high precision, high quality and custom machining operations. The excellent lubricity and coolant properties of 380 reduce heat in the chip formation process, which extends tool life when compared to conventional soluble oils and semi-synthetics. **Features:** Synthetic Lubricant Base Biodegradable Clear Transparent Fluid Excellent lubricity Superior Heat Dissipation Extends Tool Life High Detergency Superior Settling Prevents Recirculation of Fines Excellent Hard Water Stability Excellent Filterability Does Not Oil Mist Oil Intolerant - Rejects high % of tramp oil Resists Microbial Attack Low Drag Out Concentrated, Water Dilutable Nonflammable Suggested

Uses: Broaching Drilling Grinding Machining Milling Reaming Sawing Tapping Turning Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-380-Machinery-Coolant.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-------------|
| Specific Gravity | 1.08 g/cc | 1.08 g/cc | |
| pH | 9.2 | 9.2 | 0.04 |
| | 9.4 | 9.4 | Concentrate |

| Thermal Properties | Metric | English | Comments |
|--------------------|----------|---------|----------------|
| Melting Point | -4.00 °C | 24.8 °F | Freezing Point |
| Boiling Point | 100 °C | 212 °F | |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------------------------|
| Transmission, Visible | 90 % | 90 % | transparent; thickness not quantified |

| Descriptive Properties | Value | Comments |
|------------------------|---------------------------|----------|
| Appearance | Clear, Transparent Liquid | |
| Hard Water Stability | 1000 ppm | |

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