

Chesterton 386 Grinding Fluid

Category : Fluid

Material Notes:

Description: Chesterton 386 Grinding Fluid is a full synthetic premium coolant designed to provide maximum productivity and the highest g-ratios with minimum downtime due to wheel loading, sump changeout and selective dragout of key performance additives. Low foaming and oil free, the product is ideally suited for all grinding applications including the high-pressure demands of centerless grinding. Often, when conventional soluble oil emulsions are used throughout the shop, they are also applied to grinding applications. This results in a much greater wheel loading than is necessary due to swarf entrapment within the oil emulsion particles. Wheels then have to be dressed more frequently to restore performance. In addition, because the friction generated during grinding is well in excess of typical cutting applications, it is more important than ever to have the most efficient heat transfer possible. A full synthetic accomplishes this far better than any product containing oil.

Features: Fully Synthetic High attainable g-ratios (metal removal/wheel loss) Maximum oil demulsability, superior rejection of tramp oil Clear, transparent fluid Superior heat dissipation High detergency; minuses wheel loading Excellent settling of fines; provides best surface finishes Biodegradable Contains no mineral oil; non misting Long sump life; resist growth of bacteria and fungus Easily filtered; recyclable Excellent lubricity for lowest friction

Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-386-Grinding-Fluid.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	
pH	9.8 - 10.2	9.8 - 10.2	1-20 dilution
	10 - 11	10 - 11	Concentrate

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

Descriptive Properties	Value	Comments
Appearance	Clear, Transparent	
Color	Amber	
Hard Water Stability	1000 ppm	

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