



LUBRICANTS™

POWER TO PERFORM™

SYNTHKOOL 100, 101, 102 SYNTHETIC CUTTING FLUIDS

DESCRIPTION

Semi-synthetic cutting fluid consisting of carefully selected rust preventive additives and other performance improvers, supplied in solution form. SYNTHAKOOL 100 & 102 is totally synthetic.

APPLICATION AREAS

Recommended concentration in the ratio of 2-4% in water. The resultant solution provides exceptional anti-rust & cooling properties when used in grinding and other high speed machining operations. It is highly resistant to bacterial attack and provides long life in use.

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	TYPICAL VALUES		
	SYNTHKOOL 100	SYNTHKOOL 101	SYNTHKOOL 102
Appearance	Fluorescent Yellow	Fluorescent	Fluorescent
Copper Strip Corrosion 3Hr @ 100°C, Max	1		
Cast Iron Corrosion Test			
1 :40 in Distilled Water	0/1-1		
1 :40 in Hard Water-200 PPM	0/1-1	0/0-0	0/0-0
pH of 1 :40 Solution in Distilled Water	8-8.5	9	9

PERFORMANCE BENEFITS

- Extraordinary surface finish
- Good heat removal properties
- Excellent rust preventive properties
- Low consumption