



## DIAMOND KOOL

KB0250, KB0250P, KB0251, KB0255

DIAMOND KOOL is an oil free, optics processing coolant containing wetting agents for superior cooling and corrosion inhibitors for in-process rust protection of machine tools and metal parts. DIAMOND KOOL causes fine material to agglomerate into soft, easily removed, slurry.

### APPLICATION

DIAMOND KOOL can be used for sawing, dicing, edging, beveling, scratch removal, and other abrasive working of glass, plastic, quartz, silica, heat resistant glasses and ceramics. Dilute in water. Preferred, but not required, water type is DI or RO water. Concentration can vary per operation, with recommended dilutions between 2 – 5%. For best results, please consult with UPI technical staff to recommend optimal processing conditions.

### BENEFITS

- Excellent cooling, corrosion inhibition
- Soft settling of swarf
- Oil free, mild pleasant odor
- Non-foaming

### PHYSICAL CHARACTERISTICS

TEST	DIAMOND KOOL
Appearance	Amber/Clear
pH at 5%	8.3 - 8.9
Specific Gravity	1.01 - 1.07
Refractive Index	1.3575 - 1.3675

### AVAILABILITY

55 gallons, 5 gallons, 1 gallon, 1 pint