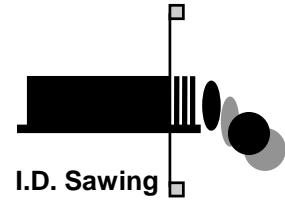


## VECTOR HTI-1.1

### I.D. Sawing Coolant



### Description

**VECTOR HTI-1.1** is a synthetic formulation developed for the use in “*once-through*” processes using I.D. diamond blades. With its exceptional heat transfer capability, VECTOR HTI-1.1 quickly cools the diamond blade for longer diamond life, while the product's superior detergency keeps the diamond interface clean and free cutting for both increased cutting speed and reduced blade deflection.

VECTOR HTI-1.1 is for use in “*once-through*” systems only.

### Benefits

- ⇒ Biodegradable
- ⇒ Reduced blade deflection
- ⇒ Extended blade life
- ⇒ Elimination of exit chipping
- ⇒ Increased production
- ⇒ Elimination of substrate tear
- ⇒ Lowest sub-surface damage
- ⇒ Cleaner machines and working conditions
- ⇒ Less bow and warp

### Directions

VECTOR HTI-1.1 is designed for use at very high dilution ratios. It is typically evaluated at a ratio of 400 parts water to 1 part product (.25%). Since the dilution ratio is so high, water quality plays an important role in the performance of the fluid make-up. Deionized (DI) water works best because of the elimination of ion interference with the surfactant base. Softened or fairly normal tap water will also perform adequately if the quality does not fluctuate.

*We recommend that dilution ratios should be maintained by adjusting the feed pump accordingly and/or using a pH meter.*

For consistent results, develop product-specific scales by obtaining accurately measured samples of a properly diluted mixture that corresponds to use.

### Additional Information

VECTOR products are available in 5-gallon pails and 55-gallon drums, F.O.B. Bethel, Connecticut, and also include grinding fluids, suspension agents for lapping/polishing slurries, rinse/wet storage additives, and ultrasonic/megasonic detergents. Material Safety Data Sheets available upon request.

Manufacturer: **INTERSURFACE DYNAMICS, Inc.**  
Supplier: **N. BUCHER AG**, Pfadackerstrasse 9, 8957 Spreitenbach/Switzerland  
Phone: ++41-56 418 19 90  
Fax: ++41-56 418 19 99  
<mailto:info@nbucherag.com>