



CHALLENGE 595-HT

HIGH LUBRICITY LUBRICANT/COOLANT

CHALLENGE 595-HT is a fixed abrasive pad and tape lubricant/coolant. It is designed to be used as received or diluted with DI water at ratios of up to 3:1. Used as received, CHALLENGE 595-HT has a viscosity similar to PEG or PPG. CHALLENGE 595-HT contains sub-micron alumina particles that assist with in-situ conditioning of the pad/tape during the process. CHALLENGE 595-HT is also available without the alumina for situations that only require the lubricating/cooling properties. To specify the product without the sub-micron aluminum oxide added, simply refer to CHALLENGE 595-HT AF. CHALLENGE 595-HT AF can also be mixed with other abrasives for different types of lapping/polishing processes. Other abrasives consist of diamond, boron carbide, silicon carbide, cerium oxide, etc.

Benefits:

- Less scratching
- Less sub-surface damage
- Allows for more uniform surfaces
- Increased and more consistent removal rate over pad life-time
- Easier post-lap cleaning of parts
- Non-corrosive to machine

Directions:

CHALLENGE 595-HT is to be used as received or diluted with water at up to a ratio of 3 parts water to 1 part CHALLENGE 595-HT.

Additional Information:

CHALLENGE Products are available in 5-gallon pails and 55-gallon drums, F.O.B. Bethel, Connecticut, and also include: grinding fluids, sawing fluids, rinse/wash agents and ultrasonic/megasonic detergents. Material Safety Data Sheets available upon request.

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