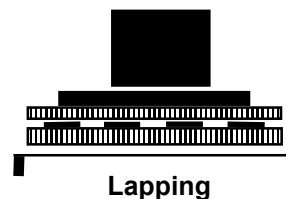


CHALLENGE 550-HT

Lapping Slurry Additive for Recirculating Systems



Description

CHALLENGE 550-HT was developed for use in "high-speed recirculating" slurry pumping systems. It is also suitable for "high-speed once-through" systems as well. Utilizing the energy of a high speed circulating pump, standard on most lapping machines, it evenly disperses Aluminumoxide, Silicon Carbide, Boron Carbide and Garnet abrasive. It also reduces abrasive usage by eliminating "hard-packing" and waste.

Benefits

- ⇒ Biodegradable
- ⇒ Less abrasive waste
- ⇒ No scratching
- ⇒ Increased removal rate
- ⇒ Less sub-surface damage
- ⇒ Easier post-lap cleaning
- ⇒ No hard-packing
- ⇒ Non-corrosive to machine

Directions

CHALLENGE 550-HT is used at app. 4-6% (by volume) with deionized (DI) water or tap water. After **CHALLENGE 550-HT** is proportionally mixed with the water in the slurry tank, add the abrasive slowly. The slurry will be ready for use almost immediately, after mixing is done according to instructions.

Start grain loading 200-300 g/l of water for a one-meter machine. Flow rate for the slurry should be app. 300 ml/min. for a one-meter machine.

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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