

# AmberCut™ LSZ Series

## Biodegradable Diamond Lapping Slurries

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### Description

AmberCut LSZ Series products are ready to use diamond lapping slurries specifically formulated for the free abrasive lapping of computer disk read/write heads. This series of formulae provides enhanced removal rates, imparts excellent surface finishes, reduces pole tip recession and extends plate life. AmberCut LSZ Series products have the unique ability to replenish the lapping plate with fresh diamond, allowing cut rates and surface finishes to remain consistent for extended periods of time. These slurries are manufactured with various sizes and carat weights of mono and polycrystalline diamond.

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### Features and Benefits

- Chemical properties enhance surface finish and extend plate life
- Biodegradable and poses no environmental or health risks
- Minimal contamination of parts
- Aids in reducing pole tip recession
- Excellent particle dispersion and suspension
- Does not contain nitrites, sulfur, chlorine, phenols or DEA
- Increased removal rates
- Facilitates cleaning of parts

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### Typical Physical Properties

Appearance	grey liquid
Specific gravity @20°C	0.95
LBS/gallon	7.92
pH (concentrate)	7.6
Flash point	None
Diamond type	mono* or poly** crystalline
Diamond size	0.10µ to 10.0µ
Surface tension (dynes/cm)	27-28

\*Part numbers ending in the letter "M" specify monocrystalline diamond.

\*\*Part numbers ending in the letter "F" specify polycrystalline diamond.

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### Recommended Process Parameters

AmberCut LSZ Series products are ready to use.

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### Availability

1 gallon bottles, 400 ml containers



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