

AmberLube™ 85R9

Waterless Lapping Lubricant

Description

AmberLube 85R9 is a ready to use, waterless diamond lapping lubricant. It is specifically formulated for the fixed abrasive lapping of computer disk read/write heads. The AmberLube 85R9 formula provides the unique ability to control pole tip, alumina and RTS (reader to shield) recession or protrusion. It also prevents ESD by quickly and effectively dissipating static charge build-up. AmberLube 85R9 imparts excellent surface finishes, improved removal rates and enhanced plate life. It does not contain water and is safe for use on GMR and advanced head designs. AmberLube 85R9 is easily cleaned with conventional polar solvents or water based cleaners

Features and Benefits

- Reduces pole tip and alumina recession to very low levels
- Eliminates corrosion of exotic alloys
- Prevents ESD by quickly dissipating static charge
- Reduces RTS recession
- Chemical properties enhance surface finish and extend plate life
- Waterless and safe for use on GMR and advanced technology heads
- Enhances plate life
- Facilitates easy cleaning of parts

Typical Physical Properties

Appearance	Clear, yellow liquid
Specific gravity @ 20°C	1.11
LBS/gallon	9.25
pH	8.85 (10% in deionized water)
Viscosity (20°C)	23 cp (Brookfield)
Surface Tension (20°C)	45 dynes/cm
Flash point	>240°F (est. COC)

Recommended Process Parameters

AmberLube 85R9 should be used as-is. No dilution is required. AmberLube 85R9 is compatible with AmberCut diamond plate charging slurries. AmberLube 85R9 can be cleaned with solvents such as isopropyl alcohol or water based cleaners such as AmberClean SC19.

Availability

55 gallon drums, 5 gallon pails, 4 liter bottles, and 1 liter bottles

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