



SPECIALTY CHEMICALS HIGH PRECISION LAPPING LUBRICANTS

AmberLube™ CK Series



AmberLube CK Series products are a lapping lubricants specifically formulated as a post lapping or final lap lubricant for computer disk read-write heads. AmberLube CK Series lubricants contain special additives to improve surface finished and minimize the smearing of pole tip elements. They also utilize unique chemistry to facilitate the dissipation of static charge (ESD). AmberLube CK Series lubricants are designed to provide maximum removal rate while imparting excellent surface finishes. AmberLube CK Series lubricants are capable of reducing pole-tip and aluminum oxide recession while eliminating corrosion of exotic alloys. AmberLube CK Series products do not contain water and are safe for use on PMR and advanced design heads. They are easily cleaned with conventional polar solvents or water based cleaning solutions.

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, light yellow liquid
Specific gravity, 20°C	0.76 to 0.80
Lbs/gallon	6.33 to 6.66
Viscosity @ 25°C	1.90 to 30 cP
Conductivity @ 20°C	50 to 225 nano S/m
Surface Tension (20°C)	24.3 to 26.0 dynes/cm
Water content	<1000 ppm
Flash point (ASTM D92)	>142°F (61°C)

RECOMMENDED PROCESS PARAMETERS

AmberLube™ CK Series lubricants should be used as supplied. No dilution is required. AmberLube CK Series lubricants are compatible with AmberCut™ series diamond slurries and most other oil based AmberCut™ and AmberLube™ products. AmberLube™ CK Series lubricants can be cleaned with AmberClean™ 204i or solvents such as isopropyl alcohol.

AVAILABLE PACKAGING

55 gallon drums, 5 gallon pails, 1 gallon containers

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FEATURES AND BENEFITS

- Chemical properties enhance surface finish and extend plate life
- Provides maximum removal rate
- Effective dissipation of static charge (ESD)
- Prevents embedding of diamond and metal fines
- Eliminates corrosion of exotic alloys
- Waterless and safe for use on PMR and advanced design heads
- Formulated to lower levels of corrosive ions, i.e. sulfate & chloride
- Complements the use of AmberCut™ waterless slurries

SURFACE CONDITIONING

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