

Crystalcut 300

THE
SUPERIOR
LOOSE ABRASIVE
SUSPENSION FLUID

FOR SLURRY SAWING, LAPPING , & POLISHING

Lighthouse Lubricantg

PO BOX 12494, OVERLAND PARK, KS 66282 USA

PHONE: 913-642-2200 FAX: 913-385-9608

INFO@LIGHTHOUSELUBRICANTS.COM

WWW.LIGHTHOUSELUBRICANTS.COM



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PRODUCT DATA SHEET

DESCRIPTION

Crystalcut 300 is a homogenous blend of specially refined oils coupled with powerful suspension agents to provide uniform and stable slurry with a wide variety of abrasive grains. Precise wetting agents prevent abrasive agglomeration causing "caking" in the slurry reservoir. This superior wetting and suspension capability permits the slurry to return to the reservoir and then back to the work piece without abrasive "drop out." This reduces abrasive requirements, improves cutting speeds and eases clean up.

APPLICATION

Crystalcut is recommended for use in loose abrasive applications including multiple blade slurry saws (MBS), lappers, and polishers. It is particularly well suited for materials used in today's demanding electronics industries including a range of ceramics, optics, silicon, and quartz.

BENEFITS

Provides uniform abrasive dispersions.
Prevents abrasive agglomeration
Better suspension decreases abrasive requirements
Increases blade and pump life
Exceptional product stability.
Increases process yields.
Widely accepted and recommended by OEMs and users.

TYPICAL PROPERTIES

Color	Tan, opaque liquid
Flash Point, COC, F	255°F
Pounds Per Gallon	7.58
Viscosity, SUS at 210°F	235

FORMULA

The addition of carefully-balanced extreme pressure additives and corrosion inhibitors increases blade life and prevents corrosion to extend service life of the slurry pump and other equipment parts. Crystalcut is safe, has a low viscosity, and is easily cleaned from the work-piece. It is manufactured under stringent blending and quality control conditions to produce consistent product quality.



Sharpening your competitive advant-edge

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