

OAK[®] 11-B

METALWORKING OIL



Product Information Flyer

DESCRIPTION

OAK 11-B is a metalworking oil with a polymeric-based expanding, bending and forming lubricant developed to meet the product and process requirements of the air conditioning and heat transfer industries.

APPLICATION

OAK 11-B has been chemically engineered to form copper tubing on hairpin benders, return benders, straight tube cut-offs and expanders.

Customer will need to confirm compatibility with entire installed working unit.

FEATURES & BENEFITS

LUBRICITY:

Outstanding hydrodynamic and boundary lubrication to maximize formability. Pre-tested on our machinery under “real world” working conditions.

CLEANLINESS:

Does not require post cleaning or leave heavy deposits on machine parts or tooling. Contains no mineral oils, solvents or hazardous materials.

ASH LESS:

Contains ash less ingredients to ensure excellent brazing.

CORROSION:

Non-staining to aluminum and copper alloys.

ECONOMICAL:

Contains no water to promote rancidity, thereby ensuring optimum shelf life in lubricant reservoirs.

RECOMMENDED STARTING DILUTIONS

OAK 11-B is used as received (100%) and may be applied by spray, dip or brush methods. Add no other materials to the concentrate unless approved by your CIMCOOL representative.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: Insoluble

Specific Gravity: 0.82

Flash Point /Sp.Gr./Boiling Point: SEE MSDS

pH, Typical Operating 100%: NA

Total Sulfur, wt%: 0

Appearance and Odor: Clear/Chemical

Weight, lb/gal, 60°F (15.6°C): 6.8

Viscosity SUS @ 100 F: 90

pH Concentrate: NA

Total Chlorine/Chlorides, wt%: 0/0 ppm

Silicones: None

HANDLING AND STORAGE

If frozen, product separates, Thaw completely at room temperature and stir thoroughly prior to use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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