



# Product Information Flyer

### DESCRIPTION

OAK DRAW 951 is a metalworking oil specially developed for a vacuum or thermal de-oiling process.

### APPLICATION

OAK DRAW 951 is recommended for fin production or stamping processes on aluminum and aluminum alloys.

Compatibility with manufacturing process and finished unit should be tested.

### FEATURES & BENEFITS

#### LUBRICITY:

Has been pre-tested on aluminum fin mills, providing extended die and tool life and maximizing forming operations. High lubricity and wet-ability for drawing aluminum sheetstock.

#### POST-CLEANING:

Eliminates post-cleaning operations by aqueous or vapor methods.

Can be removed in a vacuum furnace, CAB (Controlled Atmosphere Brazing) furnace, or a thermal de-oiling furnace.

Vaporizes 100% at a relatively low furnace temperature or by heat from the formed product.

#### CORROSION CONTROL:

Non-staining on all aluminum and aluminum alloys.

# OAK DRAW® 951

## METALWORKING OIL

### RECOMMENDED STARTING DILUTIONS

OAK DRAW 951 is used as received (100%) and may be applied by immersion or spray 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

**Viscosity SUS @ 100 F:** 38

**pH Concentrate:** NA

**Total Sulfur, wt%:** 0.0

**Appearance and Odor:** Clear/Slight Petroleum

**Weight, lb/gal, 60°F (15.6°C):** 6.84

**Flash Point/Sp. Gr./Boiling Point:** See MSDS

**Total Chlorine wt%:** 0.0

**Silicone:** None

### HANDLING AND STORAGE

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

### SAFETY DATA SHEET

Available at [www.cimcool.com](http://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.

***Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.***



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