DESCRIPTION
OAK 7A-3 is a petroleum-based lubricant commonly used in the automotive and heat transfer industries.

APPLICATION
OAK 7A-3 is recommended for moderate to heavy duty use on aluminum fin mills for radiator and plate fin evaporator manufacturing.

FEATURES & BENEFITS

LUBRICITY:
Excellent lubricity and wettabiliy for drawing aluminum sheet stock. High boundary lubrication with extreme pressure additives.

CLEANLINESS:
Easily cleaned off in aqueous cleaners.

CORROSION:
Non-staining to aluminum and copper alloys.

ECONOMICAL:
Provides good die and tool life. Low end use cost.
RECOMMENDED STARTING DILUTIONS
OAK 7A-3 is used as received (100%) and may be applied by spray or immersion 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:** 0.89
- **Flash Point /Sp.Gr./Boiling Point:** See MSDS
- **pH, Typical Operating 100%:** NA
- **Total Sulfur, wt%:** 0
- **Appearance and Odor:** Clear/Slight Petroleum
- **Weight, lb/gal 60°F (15.6°C):** 7.4
- **Viscosity SUS @ 100 F:** 46
- **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](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.

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