



OAK INTERNATIONAL
Global Metalforming Fluids

OAK DRAW[®] 522

EVAPORATIVE LUBRICANT

APPLICATIONS	<p>Oak Draw 522 is an evaporative based expanding, bending and forming lubricant developed to meet the product and process requirements of the air conditioning and heat transfer industries.</p> <p>Oak Draw 522 has been chemically engineered to stamp and draw aluminum fin stock and for light duty forming of copper tubing on hairpin benders, return benders, straight tube cut-offs and expanders. (Customer will need to confirm compatibility with entire installed working unit.)</p>
COMPETITIVE ADVANTAGES	<ul style="list-style-type: none">✓ Ashless ingredients ensure excellent brazing.✓ Lubricant residue is compatible and miscible in most refrigerants. Post process cleaning is usually unnecessary.✓ Pre-tested on our machinery under "real world" working conditions.✓ Clean running, contains no mineral oils.✓ Non-staining to copper and aluminum alloys.✓ Outstanding hydrodynamic and boundary lubrication to maximize formability.✓ Contains no water to promote rancidity, thereby ensuring optimum shelf life in lubricant reservoirs.

<p>GETTING STARTED</p>	<p>FOR INDUSTRIAL USE ONLY Oak Draw 522 is used as received and may be applied by spray, drip or brush methods.</p> <p>Add no other substances to the product unless approved by your OAK Representative.</p>
<p>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</p>	<p>Physical state: Liquid Appearance and odor: Clear, chemical Color available: Colorless Solubility in water: Insoluble Weight, lb/gal, 60°F (15.6°C): 6.4 Specific gravity, (H₂O = 1): 0.77 Viscosity SUS, 100°F: 32 Boiling point, °F (°C): Not determined Flash point, Tag CC, °F (°C): 124 (51.1) Extinguishing media: CO₂, foam, dry chemical Unusual fire & explosion hazards: See flash point pH, concentrate: Not applicable Total chlorine, wt%, calculated: 0.0 Total sulfur, wt%, calculated: 0.0 Silicones: None</p>
<p>PACKAGING</p>	<p>Available in 5-gallon pails, 55-gallon drums, Bulk containers.</p>
<p>For additional information concerning OAK DRAW 522, refer to its OSHA MSDS or contact OAK INTERNATIONAL at 1-269-651-9790.</p> <p>WARRANTY: Oak International, Inc. will grant credit on any product which proves defective in material or workmanship as determined by us subject to the following conditions: all material is subject to our inspection prior to issuing credit; any refund will be adjusted based on the volume of product used; no credit will be granted for used or unused product(s) over one year old as determined by the batch number. The terms in this warranty do not in any way extend to any product thereof covered by this agreement, which has a life, under normal usage, inherently shorter than the one year period indicated above. Except as set forth expressly in writing herein, there are no other warranties express or implied in respect of any product. No warranty of merchantability or fitness for purpose shall apply.</p> <p>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.</p> <p>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. 1/2/08 REV</p>	

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