



OAK INTERNATIONAL
Global Metalforming Fluids

OAK DRAW[®] 519

EVAPORATIVE LUBRICANT

APPLICATIONS	<p>Oak Draw 519 is an "Evaporative" Lubricant developed for can lids, prepainted metal stamping and related industries.</p> <p>Oak Draw 519 and Oak International, Inc. have found international acceptance in meeting the product and process requirements of these vital marketplaces.</p> <p>Oak Draw 519 is primarily used to stamp, bend and form where post cleaning is prohibited. The "Evaporative" nature of this unique lubricant supplies high boundary lubrication, without leaving unsightly residues that interfere with subsequent assembling and/or manufacturing processes.</p>
COMPETITIVE ADVANTAGES	<ul style="list-style-type: none">• "Evaporates" at room temperature after use, requiring no post cleaning.• Non-staining to aluminum and aluminum alloys.• Contains no water to promote rancidity, ensuring optimum shelf-life in lubricant reservoirs.• Clean running product contains no oil.• Economical – low end use cost.• Dry-to-touch on prepainted alloys.• <i>Meets the following FDA requirements:</i><ul style="list-style-type: none">FDA-CFR 21, 175.105176.200176-210(d)(2)176-210(d)(3)177.1200178.3120178.3910

<p>GETTING STARTED</p>	<p>FOR INDUSTRIAL USE ONLY</p> <p>Oak Draw 519 is used as received. Oak Draw 519 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, nearly odorless Color available: Clear Solubility in water: Insoluble Weight, lb/gal, 60°F (15.6°C): 6.33 Specific gravity, (H₂O = 1): 0.8 Boiling point, °F (°C): > 340 Flash point, TagCC, °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 and bulk containers.</p>
<p>For additional information concerning OAK DRAW 519, 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. 11/29/07 REV</p>	

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