



**OAK INTERNATIONAL**  
Global Metalforming Fluids

## **OAK PROTECT<sup>®</sup> 410**

**SOLVENT-BASED CORROSION PREVENTATIVE**

<b>APPLICATIONS</b>	<p><b>OAK PROTECT 410</b> is a solvent-based, water displacing, indoor corrosion inhibitor for ferrous and non-ferrous metals.</p> <p><b>OAK PROTECT 410</b> is designed to deposit a soft, oily film that is easily removable in an <b>OAK</b> cleaner.</p> <p><b>OAK PROTECT 410</b> will provide over 12 months indoor corrosion inhibition, depending on storage conditions, when applied to metal surfaces as received.</p> <p><b>OAK PROTECT 410</b> is an ideal choice for rust proofing parts directly after machining, rust proofing parts directly after alkaline cleaning, and for shipping packaged machine components, engine parts, castings, etc.</p>
<b>COMPETITIVE ADVANTAGES</b>	<p><b>EXCELLENT LONG-TERM INDOOR CORROSION PROTECTION</b></p> <p><b>EXCELLENT RESISTANCE TO HIGH HUMIDITY</b></p> <p><b>EASILY CLEANABLE WITH AQUEOUS OAK CLEANERS</b></p> <p><b>OUTSTANDING WATER DISPLACING PROPERTIES</b></p> <p><b>EXCELLENT LUBRICATING PROPERTIES</b></p> <p><b>TRANSPARENT COATING ALLOWS VISUAL INSPECTION OF PARTS AND/OR IDENTIFICATION MARKINGS</b></p>

<p><b>GETTING STARTED</b></p>	<p><b>FOR INDUSTRIAL USE ONLY</b>  <b>Use neat, as received.</b> The metal surface should be cleaned <u>before</u> applying. <b>OAK PROTECT 410</b> may be applied by airless spray, dipping or brush methods. When practical, dipping is preferred since it assures complete coverage. After application, the solvent should be allowed to fully evaporate <u>before</u> the parts are handled, packaged and stored. <b>OAK PROTECT 410</b> will dry faster with increased air temperature and circulation.</p> <p>Add no other substances to the product unless approved by your OAK Representative.</p>
<p><b>TYPICAL PHYSICAL AND CHEMICAL PROPERTIES</b></p>	<p><b>Physical state:</b> Liquid  <b>Appearance and odor:</b> Clear, solvent  <b>Color available:</b> Dark amber  <b>Solubility in water:</b> Insoluble  <b>Weight, lb/gal, 60°F (15.6°C):</b> 6.5  <b>Specific gravity, (H<sub>2</sub>O = 1):</b> 0.78  <b>Flash point, TCC, °F (°C):</b> 124 (51.1)  <b>Extinguishing media:</b> CO<sub>2</sub>, foam, dry chemical  <b>Unusual fire &amp; explosion hazards:</b> See flash point  <b>Freezing point (or pour point), °F, (°C):</b> &lt;-4 (&lt;-20) If frozen, thaw completely at room temperature before using.  <b>pH, concentrate:</b> NA  <b>Total chlorine, wt%, calculated:</b> 0.00  <b>Total sulfur, wt%, calculated:</b> Negligible  <b>Deposited film:</b> 0.06 mils (1.52 microns)  <b>Humidity Cabinet:</b> 60 + days</p>
<p><b>PACKAGING</b></p>	<p><b>Available in 5-gallon pails, 55-gallon drums, and bulk containers.</b></p>
<p>For additional information concerning <b>OAK PROTECT 410</b>, refer to its OSHA MSDS or contact OAK INTERNATIONAL at 1-269-651-9790.</p> <p><b>WARRANTY:</b> 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><b>LIMITATION OF LIABILITY:</b> 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><b>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. 12/12/07 REV</b></p>	

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