



YOUR METALWORKING FLUID SOLUTIONS FOR SOLUTIONS

OAKFORM[®] DSY 7200 SYNTHETIC, METALFORMING FLUID CONCENTRATE

APPLICATIONS	<p>OAKFORM[®] DSY 7200 is a heavy-duty, metalforming fluid for ferrous and non-ferrous metals. It combines extreme pressure lubrication and film strength with state-of-the-art synthetic lubricant technology.</p> <p>OAKFORM[®] DSY 7200 performs well in deep drawing, stamping, blanking, bending, forming, punching, piercing and trimming operations.</p> <p>Duty Range: For heavy-duty operations</p>
FEATURES & BENEFITS	<p>EXCELLENT LUBRICITY –Excellent lubricity and anti-wear properties provides superior tool and die life. Outperforms many conventional oil-based lubricants on market.</p> <p>CORROSION CONTROL – Excellent corrosion inhibition on ferrous metals. Does not corrode nonferrous and exotic alloys.</p> <p>STABILITY – When added to water forms a transparent solution. Is stable in hard and soft water. Non-foaming for recirculating systems.</p> <p>VERSATILE- Performs on presses with single, compound, progressive and transfer dies.</p> <p>CLEANLINESS – Keeps presses, dies, and tooling clean. No gumming or deposits when applied (and maintained) at proper concentrations.</p> <p>OPERATOR - FRIENDLY – Synthetic fluid eliminates oil mist. No solvents or fire hazards.</p>

**RECOMMENDED
STARTING
DILUTIONS**

FOR INDUSTRIAL USE ONLY

The proper concentration of OAKFORM® DSY 6150 for a particular metalforming process will vary dependent upon the type of metal, gauge of metal, process involved and method of lubrication application. We recommend the use of a refractometer to control concentration for economy and performance purposes.

OAKFORM® DSO 7200 is to be mixed with water for use (add concentrate to water and stir or circulate to insure thorough mixing). Add no other substances to the concentrate or mix unless approved by Oak Signature Technical Services. Not recommended for use with magnesium or alloyed magnesium.

For concentration analysis, use the Total Alkalinity Titration Procedure, CIMCHEK™ Test Strip, or Refractometer.

**TYPICAL
PHYSICAL AND
CHEMICAL
PROPERTIES**

Physical state: Liquid
Appearance and odor: Clear / Chemical
Colors available: Undyed
Solubility in water: 100% Miscible
Weight, lb/gal, 60°F (15.6°C): 8.8
Specific gravity, (H₂O = 1): 1.06
Boiling point, °F (°C): 212 (100)
Flash point, COC, °F (°C): None, self extinguishing
Fire point, COC, °F (°C): NA
Freezing point (or pour point), °F, (°C): 32 (0)
If frozen, thaw completely at room temperature.
pH, concentrate: 9.0
pH, 10.0% mix, typical operating conditions: 8.4
Total chlorine/chloride, wt%, calculated: 2.1/<50 ppm
Total sulfur, wt%, calculated: Negligible
Silicone, Mineral oil, chlorinated solvents, PCB's, PTBBA, nitrate, mercurial, phenols, phosphates, chlorinated paraffins, diethanolonitrosamines: None

PACKAGING

Available in 5-gallon pails, 55-gallon drums, and bulk containers.

REFRACTOMETER FACTOR: 1.25

Multiply the scale reading obtained on your OAK SIGNATURE® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration on a fresh charge.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local OAK SIGNATURE SPECIALIST OR DISTRICT MANAGER, or you may contact OAK SIGNATURE® 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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