



CUSTOMER-FOCUSED METALWORKING FLUID SOLUTIONS

OAKFORM[®] DSY 6150 SYNTHETIC, METALFORMING FLUID CONCENTRATE

APPLICATIONS	OAKFORM DSY 6150 is a medium-duty, metalforming fluid for ferrous and non-ferrous metals. In addition to stamping and drawing, it can be used to roll form, bend, and knurl.
FEATURES & BENEFITS	<ul style="list-style-type: none">• STABLE IN HARD AND SOFT WATERS• SUPERIOR DIE AND TOOL LIFE• HIGH DETERGENCY KEEPS PRESS AND TOOLING CLEAN• OIL-FREE PRODUCT• NON-FOAMING FOR RECIRCULATING SYSTEMS• EXCELLENT CORROSION PROTECTION ON FERROUS METALS• EXCELLENT FILM STRENGTH TO MAXIMIZE PART COVERAGE AND FORMABILITY• EXCELLENT TRAMP OIL REJECTION PROPERTIES THAT PROMOTES EXTENDED SUMP LIFE• DRY TO TOUCH, DEPENDENT ON CONCENTRATION

**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 lubricant application.

Add no other substances to the concentrate or mix unless approved by your OAK SIGNATURE® Representative.

Not recommended for use with magnesium or alloyed magnesium.

**TYPICAL
PHYSICAL AND
CHEMICAL
PROPERTIES**

Physical state: Liquid
Appearance and odor: Clear, Faint
Color available: Yellow
Solubility in water: 100% Miscible
Weight, lb/gal, 60°F (15.6°C): 8.6
Specific gravity, (H₂O = 1): 1.04
Deposited film: Fluid
Boiling point, °F (°C): 212 (100)
Flash point, COC, °F (°C): None, self extinguishing
Fire point, COC, °F (°C): NA
Extinguishing media: NA
Unusual fire & explosion hazards: None
Freezing point (or pour point), °F, (°C): 32 (0) If frozen, thoroughly thaw prior to using.
pH, concentrate: 8.9
Total chlorine, wt%, calculated: 0.00
Total sulfur, wt%, calculated: Negligible
Mercurials, phenols, phosphates, PCB's, PTBBA, nitrate, diethanolnitrosamine, chlorinated paraffins, chlorinated solvents, silicones, mineral oil: none

PACKAGING

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

REFRACTOMETER FACTOR = 1.7 Multiply the scale reading obtained on most refractometers by the **Refractometer Factor** to obtain the mix concentration in percent.

NOTE: Calibrate the refractometer so that it reads 0.0 with water, before testing the sample mix. Remove gross contaminants from the sample mix, before testing.

For additional information concerning OAKFORM DSY 6150, refer to its OSHA MSDS or contact Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, WWW.OAKINTERNATIONAL.COM or from your OAK INTERNATIONAL representative.

Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.
Consumable Products Division/ Milacron Marketing Company
Cincinnati, Ohio 45209

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ISO CERTIFIED

