

# Eliminator 101 Synthetic Metalworking Fluid

• 100% Synthetic

• Oil free metalworking fluid

**Eliminator 101- Synthetic contains FHW Technology, an advanced additive package designed to reduce Friction, Heat and Wear for exceptional tool life.**

- Leaves little or no residue
- Provides corrosion protection
- Formulated to provide superior resistance to bacteria growth
- Safe to use on all metals and will not stain
- Does not irritate operator's hands

## Save Time and Money

- Enhances tool life
- Keeps coolant fresher longer

## Designed for Use On:

Low Carbon • Cast Iron • Brass • Copper  
Medium Carbon Alloys • Structural

### PHYSICAL & CHEMICAL PROPERTIES:

Pounds Per Gallon	8.6
Flash Point	None
Appearance	Purple
Hazardous Components	None
Odor	Clean
pH @ 10:1 Dilution	9.5

### DILUTION RATIOS

Exotics, Stainless & Aluminum	3 - 7:1
Alloys & Tool Steel	10 - 15:1
Cast Iron, Brass & Copper	10 - 20:1
Low Carbon, Structural & Tubing	15 - 20:1

**HE&M Saw has a product and accessory to fit all your metalworking fluid needs:**

- 101 Synthetic Coolant
- 102 Semi Synthetic Coolant
- 103 Water Soluble Coolant
- 104 Spray Mist Coolant
- 105 Sump Cleaner
- 106 Rust Inhibitor

**Proudly  
Made in the  
U.S.A.**

- 107 Anti Spatter
- 111 Turbo Drill
- 132 Low Temp Coolant
- 701 Refractometer
- 750 Sump Devil
- 806 Hydromaster

**www.hemsaw.com**

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## Refractometer Schedule for HE&M Saw Eliminator 101 - Synthetic

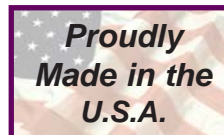
Dilution Ratio: Water to Chemical

BRIX SCALE	0 - 10	0 - 30	0 - 32
1:1	Off Scale	11	12.5
2:1	8.25	8	8.5
3:1	6	5.5	6.5
4:1	4.5	4.5	5
5:1	4.0	4.0	4.5
6:1	3.5	3.5	3.75
7:1	2.5	2.75	3.25
8:1	2.0	2.5	2.75
9:1	1.75	2.0	2.5
10:1	1.5	1.75	2.25
11:1	1.25	1.5	2.0
12:1	1.0	1.25	1.75
13:1	0.80	1.5	1.62
14:1	0.75	1.25	1.5
15:1	0.5	1.0	1.25
18:1	0.3	0.90	1.0
20:1	0.15	0.80	0.90

**NOTE:** Always calibrate your refractometer to zero using your coolant water supply. Clean lens thoroughly, then apply water. Reading should be "0" (zero). If not, calibrate using the small set screw on the top or bottom of the refractometer.

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