

## SYNTHETIC MACHINING METALWORKING FLUIDS

### Low Maintenance and Transparent Solution for Great Work Piece Visibility

#### PowerChip 2000

Premium heavy-duty synthetic metalworking fluid with non-chlorinated extreme-pressure additives.

- Extends tool life
- Maximum resistance to bacteria and fungus

#### Applications:

- Recommended for ferrous metals, titanium, and high-nickel alloys
- Machining, grinding, sawing, turning

#### SN-100A

Superior moderate to heavy-duty synthetic metalworking fluid.

- Offers dry-film corrosion protection
- Maximum resistance to bacteria and fungus

#### Applications:

- Recommended for ferrous metals and titanium
- Not recommended for brass, bronze, and copper
- Machining, grinding, cutting, sawing

#### Vytron-N

Superior general-purpose synthetic metalworking fluid.

- Offers dry-film corrosion protection
- Maximum resistance to bacteria and fungus

#### Applications:

- Recommended for ferrous metals
- Not recommended for brass, bronze, and copper
- General machining, grinding, sawing, tapping, drilling, turning, milling

#### PowerSaw

Quality moderate to heavy-duty synthetic metalworking fluid with non-chlorinated extreme-pressure additives specially designed for sawing.

- Maximum resistance to bacteria and fungus

#### Applications:

- Recommended for ferrous metals and alloys

### PRODUCT SPECIFICATIONS

	PowerChip 2000	SN-100A	Vytron-N	PowerSaw
Concentrate Color	Dark blue	Blue	Blue	Dark blue
Dilute Color	Clear bright blue	Clear blue	Clear blue	Clear bright blue
pH (at 10%)	9.8	9.0	9.8	9.0
Density	8.9 lbs/gal (1063 kg/m <sup>3</sup> )	8.8 lbs/gal (1053 kg/m <sup>3</sup> )	8.8 lbs/gal (1053 kg/m <sup>3</sup> )	8.8 lbs/gal (1063 kg/m <sup>3</sup> )
EP Additives	Non-Cl			
Flash Point	None	None	None	None
Part No.	1 gal		75014	
	5 gal	76305	73058	75054
	55 gal	76355	73558	75554
				76205
				76255

### MATERIALS COMPATIBILITY

	PowerChip 2000	SN-100A	Vytron-N	PowerSaw
Type of Operation	Heavy	Moderate-Heavy	General	Moderate-Heavy
Carbon Steel	✓	✓	✓	✓
Tool Steel	✓	✓	✓	✓
Stainless Steel	✓	✓	✓	✓
Cast Iron	✓	✓	✓	✓
Aluminum	✓*	✓*	✓*	✓*
Brass, Bronze, Copper	✓*			
Titanium	✓	✓	✓*	