

## T E C H N I C A L   D A T A   S H E E T

# ArrowCool SYN-710 Synthetic Coolant

### DESCRIPTION

ArrowCool SYN-710 is blue colored in its concentrated state. When diluted with water, ArrowCool SYN-710 forms a stable, translucent solution suitable for use as a general purpose machining and grinding coolant. Special additives used in ArrowCool SYN-710 assist in providing exceptional lubricity and extreme pressure characteristics as well as protection against corrosion, rancidity, and fungal attacks.

### RECOMMENDED USES

ArrowCool SYN-710 has been developed for use as a general purpose heavy duty machining and grinding coolant. ArrowCool SYN-710 can be used on a broad range of metalworking operations at very low use concentrations and is safe to use on most ferrous and non-ferrous metals. ArrowCool SYN-710 is sulfur, chlorine, and halogen free, making it ideal for use in aerospace applications or other areas where conventional "oil based" coolants are not recommended.

### ADVANTAGES

- Wide range of applications
- Tremendous lubricity
- High operator acceptance
- Superior biological protection
- Extremely clean running fluid
- Low operating costs
- Excellent corrosion protection
- Sulfur, chlorine, & halogen free

### MIXING

Always add ArrowCool SOL-710 to water. For best results use either a mixer or continuously stir while adding the concentrate to water.

### TYPICAL PROPERTIES

- Color: Blue
- Density: 8.7 Lbs/Gal
- pH of Concentrate:  $9.3 \pm 1.0$
- Specific Gravity: 1.05

\* The above typical properties are subject to manufacturing tolerances.

### SUGGESTED OPERATING DILUTIONS

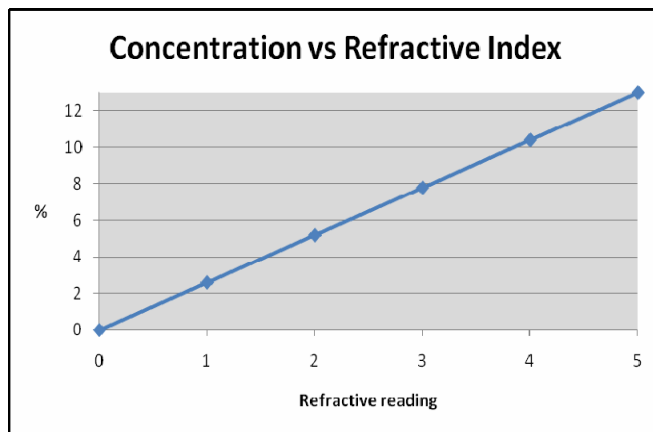
- Light Duty 3 -- 5 %
- Moderate Duty 3 -- 5 %
- Heavy Duty 5 – 7.5%
- Very Heavy Duty 7.5 – 10 %

### PACKAGING OPTIONS (USA)

- 5 Gallon Pail
- 55 Gallon Drum
- 275 Gallon Tote

### PACKAGING OPTIONS (Outside the USA)

- 20 Liter Pail
- 208 Liter Drum
- 1,000 Liter Tote



Percent concentration = Refractive reading X Refractive factor.  
Refractive factor = 2.6

Because conditions of use are beyond our control, no warranty, guarantee, or representation is made or intended in connection with the use of this product.

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