

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

ArrowCool SYN-730 Synthetic Coolant

DESCRIPTION

ArrowCool SYN-730 is blue colored in its concentrated state. When diluted with water, ArrowCool SYN-730 forms a stable, translucent solution suitable for use as a general purpose machining and grinding coolant. Special additives used in ArrowCool SYN-730 assist in providing exceptional lubricity and extreme pressure characteristics as well as protection against corrosion, rancidity, and fungal attacks.

RECOMMENDED USES

ArrowCool SYN-730 has been developed for use as a general purpose heavy duty machining and grinding coolant. ArrowCool SYN-730 can be used on a broad range of metal working operations at very low use concentrations and is safe to use on most ferrous and non-ferrous metals. ArrowCool SYN-730 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

- Excellent corrosion protection
- Clean running
- Multi-metal compatibility
- Outstanding sump life
- Superior tramp oil rejection
- Extremely low foam
- No Chlorine, sulphur, or halogens
- High lubricity for heavy duty machining

MIXING

Always add ArrowCool SYN-730 to water. For best results use either a mixer or continuously stir while adding the concentrate to water.

TYPICAL PROPERTIES

- Color: Blue
- Density: 8.9 Lbs/Gal
- pH of Concentrate: 8.7 ± 1.0
- Specific Gravity: 1.05

* The above typical properties are subject to manufacturing tolerances.

SUGGESTED OPERATING DILUTIONS

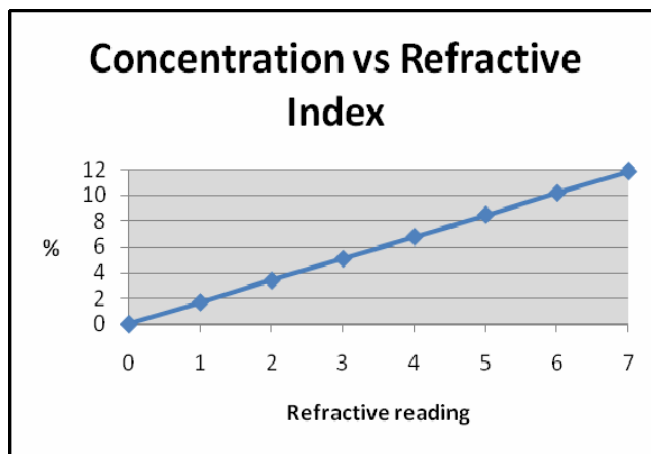
- Light Duty 5 -- 7 %
- Moderate Duty 5 -- 7 %
- Heavy Duty 5 -- 7%
- Very Heavy Duty 7 -- 10 %

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 = 1.7

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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