

WALTER VALENITE VALCOOL® VP LFC

Heavy Duty, Non-chlorinated, Semi-Synthetic Metalworking Fluid

VP LFC was designed with heavy duty lubricity and extreme pressure additive packages. What sets this product apart is its state of the art foam control

package. The VP LFC has been designed to exceed the most stringent criteria set forth in today's metalworking fluid industry.

KEY PRODUCT BENEFITS

- Long Term Emulsion Stability
- Excellent Foam Control
- Operator Friendly
- Nitrate, Phenol Free
- Chlorine Free
- Exceptional Part Finish
- Vapor Phase Corrosion Protection

SPECIALIZED LUBRICATION FUNCTION

Based upon our evaluation of the hydrodynamic and elastodynamic requirements for metalworking applications, we selected a combination of additives to optimize the lubricity and extreme pressure properties of our fluid at the tool/part interface. Thus optimizing the wetting, tool/insert life, heat dissipation and chip carrying capacity of the fluid. The primary lubricant derived for extreme pressure will facilitate the formation of a chemical metallic slip lubricant. This complex reduces the coefficient of friction thus requiring less energy to cut the part.

APPLICATION

VP LFC is recommended for your most demanding applications in grinding, drilling, reaming, cut tapping, and roll tapping. Consult your Walter representative for exact concentrations and applications. With proper maintenance, this product will result in a more stable quality of finished parts over a sustained period of time while giving a significant savings in operating costs.

LABORATORY INFORMATION

Appearance, Neat	Straw Yellow
Appearance, 5% Dilution	Macro-Emulsion (off white)
Specific Gravity	1.010 +/- .02
Pounds per Gallon	8.4 lbs.
pH, 5% Dilution	9.5 +/- .5

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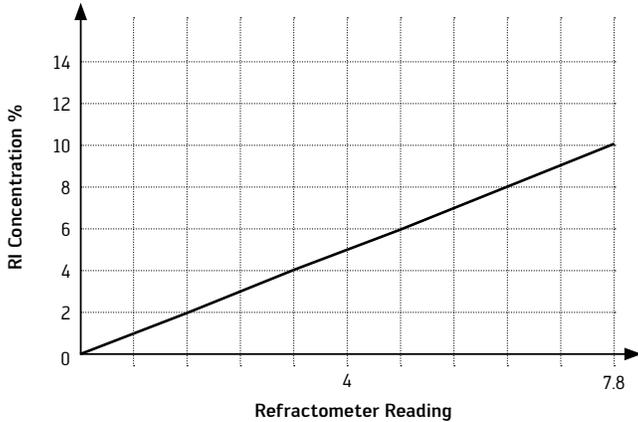
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_ MONITORING CONCENTRATION

Take the refractive index reading and multiply it by 1.2 to determine the concentration or use the chart below.



In order to maintain a bacteria free environment, thoroughly clean all areas of the coolant system before charging it with new coolant.

INSTRUCTIONS FOR USE

1. Determine the system size in gallons
2. Multiply the total system size by the recommended % of VP LFC
3. Slowly add the recommended amount of VP LFC to the water and mix well
4. Always add VP LFC to water, never in reverse order

Available Quantities:

5 gallon pails, 55 gallon drums, 220 gallon disposable totes, 275 gallon bins, bulk tanker

For more safety information visit: www.osha.gov/SLTC/metalworkingfluids/metalworkingfluids_manual.html

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