

CIMCOOL PROPORTIONER-SUGGESTED METERING TIP GUIDE FOR STARTUP

- FOR CIMCOOL MIX MASTER II, MIX STATION, AUTOMATIC PROPORTIONER
- NOTE: THIS IS ONLY A STARTING GUIDE, ONCE THE METERING TIP IS SELECTED YOU MUST CHECK THE FLUID CONCENTRATION!!
- REFER TO THE CIMCOOL TECHNICAL REPORT "PROPER MIXING PRACTICES" at www.cimcool.com
- REFER TO THE CIMCOOL PIF (PRODUCT INFORMATION FOLDER) at www.cimcool.com TO DETERMINE RECOMMENDED STARTING CONCENTRATION AND REFRACTOMETER FACTOR TO MEASURE CONCENTRATION

- CONTACT CIMCOOL TECHNICAL SERVICE (513-458-8199) FOR ASSISTANCE OR QUESTIONS

Product	Concentration Mix Ratio (%)										VISCOSITY RANGE
	1:10 (10%)	1:15 (6.6%)	1:20 (5.0%)	1:25 (4.0%)	1:30 (3.3%)	1:35 (2.8%)	1:40 (2.5%)	1:45 (2.2%)	1:50 (2.0%)	1:100 (1%)	
											SUS 100 degrees F
SYNTHETICS	LT. BROWN	RED	WHITE	BLUE	MD. BROWN				GREEN		30-45
CIMTECH 300 SERIES	BLACK	WHITE	BLUE	MD. BROWN			GREEN		ORANGE		100-150
SEMISYNTHETICS-low visc.	LT. BROWN	RED	WHITE	BLUE	MD. BROWN				GREEN		30-150
SEMISYNTHETICS-high visc.		GRAY	BLACK		LT. BROWN		RED				400 and higher
SOLUBLE OILS	NONE	GRAY	LT. BROWN	RED		WHITE			BLUE		500 and higher
CIMPERIAL 1070/1011	NONE	NONE		GRAY	LT. BROWN		RED	WHITE	BLUE		1000
CIMCLEAN 30, 40, 50	LT. BROWN	RED	WHITE	BLUE	GREEN				ORANGE	PINK	40

CIMCOOL PROPORTIONER METERING TIPS

GRAY	
BLACK	
BEIGE-LT. BROWN	
RED	
WHITE	
BLUE	
TAN-MD. BROWN	
GREEN	
ORANGE	
BROWN-DK. BROWN	
YELLOW	
PURPLE	
PINK	
CLEAR	CUSTOM

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RICHER

DIRECTIONS

1. **THIS CHART IS A STARTING GUIDE ONLY.** ACTUAL CONCENTRATIONS MAY VARY.
2. ONCE THE PROPORTIONER IS SET UP AND WORKING PER THE OPERATING INSTRUCTIONS (SEE OPERATING MANUAL), SELECT THE APPROPRIATE METERING TIP BASED ON THE PRODUCT AND REQUIRED CONCENTRATION.
3. ALWAYS TEST THE FLUID CONCENTRATION WITH A REFRACTOMETER OR TITRATION KIT TO INSURE YOU OBTAIN THE CORRECT CONCENTRATION
4. WATER PRESSURE, TEMPERATURE, FLUID CONCENTRATE VISCOSITY AND PROPORTIONER SETUP ALL CAN AFFECT THE FLUID CONCENTRATION.
5. THE LARGER OPENINGS IN THE TIPS PROVIDE RICHER MIXES. FOR EXAMPLE THE LARGEST OPENINGS IN THE TIPS START WITH GRAY, BLACK, LT. BROWN, ETC.
6. CHECK YOUR FLUID CONCENTRATION DAILY IN THE MACHINE RESERVOIR. ADJUST THE MAKEUP RATIO AS NEEDED TO MAINTAIN THE PROPER FLUID CONCENTRATION.

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