

TOPIC : Anti-bacteria for Wire Drawing Emulsion

Products	Anti-Bac K107
Applications	For Bacteria Inhibit
Customer /Location	CTWC, Thailand
Previous Lube/Fluids	
Materials	Copper Wire
Process/Machines	Drawing Wire
Customer Requirements	Fix bacteria spread

Issue:

Found the bacteria in system around 10^4 cfu/mL

Solutions:

Recommend Antibac-K107 this product is alkaline base it can be inhibit Bacteria in emulsion for wire drawing very well.



Summary:

- added Additive K107 - Conc. 0.15%/Tank Vol.
- It can be inhibiting bacteria

Lab Result ;				
Properties	Annealer D2		Annealer D7	
	Before	After	Before	After
Bacteria	 10^5	 Not detect	 10^4	 Not detect
Summary ;				
No bacteria were detected in Lubricool 22GX after adding 0.15% of additive K107.				