AUSTRALIAN CHEMICAL SERVICES

TECHNICAL REPORT

SAMPLE IDENTIFICATION

Product Description:	Viper Germicidal Disinfectant
Customer:	SuperCool Asia Pacific Pty Ltd
Report No.	ACS 201105

PURPOSE

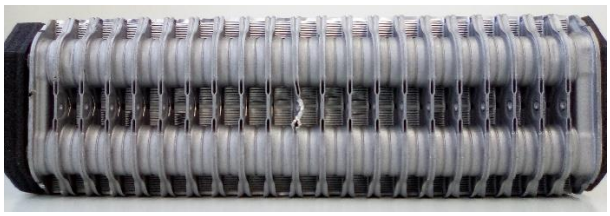
To determine the effect that Viper Germicidal Disinfectant has on an Aluminium micro-channel HVACR coil after several applications at elevated temperature.

PROCEDURE

1. A Laboratory oven was heated to 80^{o}C.
2. An Aluminium micro-channel HVACR coil was masked to protect 50% of the surface to be treated.
3. Viper Germicidal Disinfectant was sprayed on to the unprotected part of the coil before the coil was placed in the oven at 80^{o}C for 1 hour.
4. After 1 hour the coil was removed from the oven, cooled at ambient temperature before step 3 was repeated.
5. After 5x cycles the masking was removed, photograph the coil and record and changes in appearance due to the treated part of the coil.

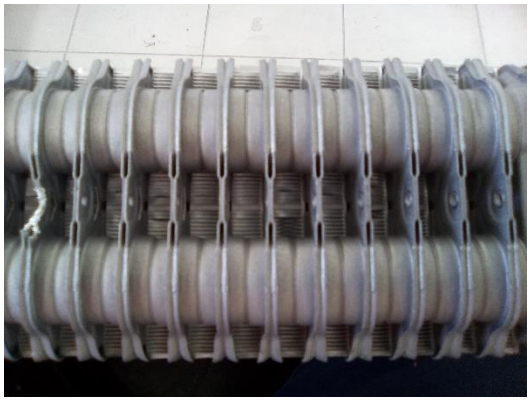
RESULTS

Visual evaluation of coil revealed no difference between treated and untreated areas.
Note: Right hand side of coil was treated. Left hand side of coil was untreated.



BEFORE

AFTER



TREATED – BEFORE

TREATED – AFTER

CONCLUSION

An Aluminium micro-channel HVACR coil was treated with Viper Germicidal Disinfectant and cycled in an oven at 80^{o}C for 5 hours. Results show that no observable difference was found between treated and untreated parts of the coil.

Reported By:

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