

Aircon update: Another one bites the dust!

Dear reader, below is a report that you might find useful for your own workshop.



**Brainbee Clima
9350 | R134a**



**Brainbee Clima
9450 | R1234yf**

AECS Aircon equipment.

During our October annual AECS equipment service and calibration trip, we found a near new AC recycle / recover machine destroyed by **STOP LEAK** which this time was unknowingly introduced by a substandard UV dye into the machine.

On top of that, the stop leak was introduced into an unknown amount of vehicles, ready to destroy more AC service equipment and damage more cars.

The words 'Stop Leak' I use for a variable series of products, all designed to stop leaks in AC systems by softening rubber or crystallising upon contact with air or moisture. It can be a standalone product and it can be added by factories to other products like UV Dye or AC refrigerant top up bottles. Some products do not state that Stop Leak is added.

Stop leak creates damage to vehicles and to your AC equipment, even if small amounts are used.

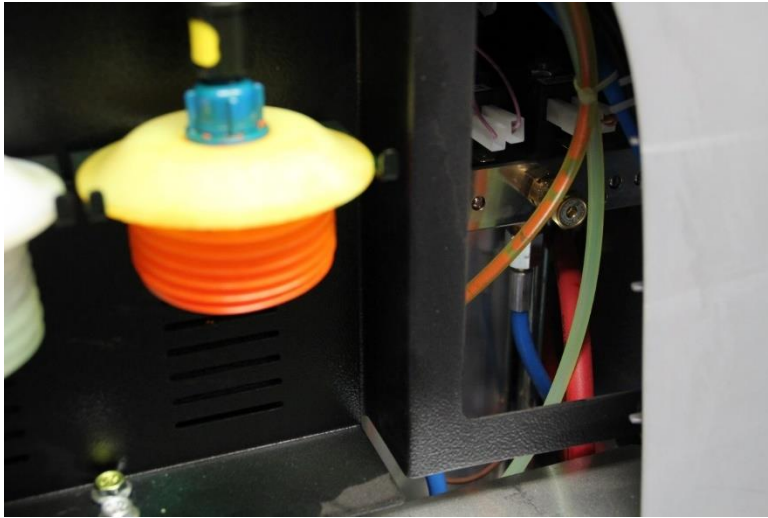
During our nationwide AC service and calibration trip as standard we test all of the AECS supplied AC equipment on the presence of Stop Leak.

The complaint from this particular 11 month old machine was that the UV Dye injection did not work anymore. After removing the valve we saw an orange blob which is stop leak mixed in the UV dye used by this customer.

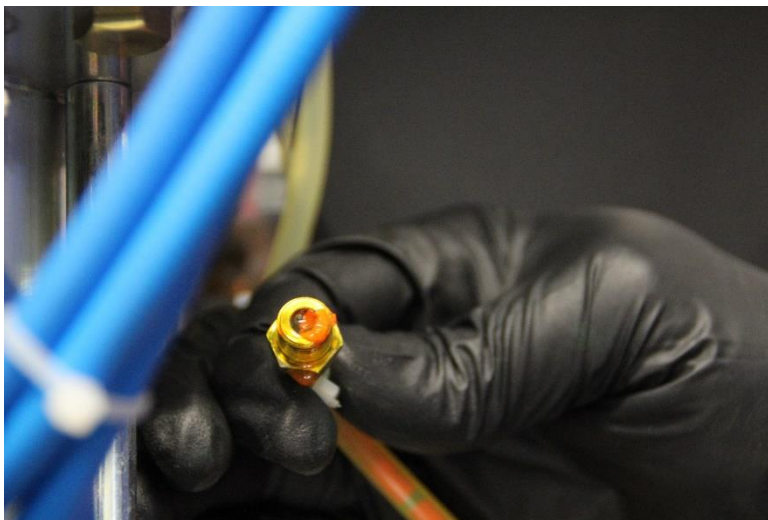


UV dye introduced Stop Leak.

We have not opened up the rest of the machine but have found in the past that filters, and other valves in the machine are blocked by the same product, ultimately resulting in compressor failure and vacuum pump failure, because soon none of the other valves will operate anymore.



UV Dye mixed with Stop leak found during a previous service run. Look at the tube on the right.



Valve blocked by UV Stop leak.

During our **AC training seminars** we spend a little bit of time on Stop Leak products.



Samples of stop leak products

Stop Leak pictures from our Aircon training manual.



Two almost identical bottles of UV Dye, one contains Stop Leak.

Stop Leak Detection kit

Stop leak can also be introduced in your machine by an infected AC system. We have a simple to use kit available that in a matter of 3 minutes will show if a system contains Stop Leak. The kit's detector can be reused over and over again until the replaceable detector gets damaged by Stop Leak.



AECS Stop leak test kit.

Please enjoy the comfortable income from AC service on vehicles, but safeguard your customer and your AC equipment!

For **AECS** Ltd
Herbert Leijen