

June 30, 2011

This is a report on the vehicle demonstration for the City of Houston, June 29, 2011. The demonstration was arranged by Thomas Dowdy the Director of Fleet Management for the City of Houston. Mr. Dowdy is Director of fleet operations for the city, which includes the Houston Police Department, Fire Department, City Courts, Parks and Recreation, Solid Waste Disposal, Mayor's office and all other departments who have vehicles assigned to them.

The demonstration was held at Houston Fire Department Maintenance Facility 1205 Dart Street. Participating in the Demonstration were the Police department, Fire Department and representatives of various other departments, under the direction of Ms Dee Walker, Director of Maintenance Facility, with 6 senior technicians participating with us.

The City of Houston had tried Perma Frost (PROA) 2 years ago which resulted in no benefit to the systems.

Sixty-two (62%) percent of all requests for maintenance are air-conditioning cooling problems.

The results of the demonstration are contained in the email report below written by Ms Walker and presented in a meeting of the Department Directors at 1:30 PM yesterday, with her recommendation to install IceCOLD. The budget committee will be meeting in the next week to discuss the purchase of IceCOLD.

Subject: Results from Testing Ice Cold

Gentlemen:

We have introduced the Ice Cold product into the following vehicles with very favorable results.

Vehicle	Shop Number	Mileage	Temperature Before Induction	Temperature After Induction (2 Readings)	
HPD Truck	38694	41,229	59 degrees	40 degrees	24 degrees
HPD Cruiser	41054	81,820	46 degrees	38 degrees	12 degrees
Amb RA-25	34780	220,530	50 degrees	22 degrees	
Medic M-75	40430	11,566	40 degrees	32 degrees	
Ladder L-34	27967		70 degree	59 degrees	56 degrees

The results are pretty startling and in most cases the temperature dropped within about 15 minutes. The Ice Cold was introduced into the Ladder Truck and the unit was checked at about 15 -20 minutes and there was a fairly good drop in temperature but Mr. Beszborn explained that due to the length of the tubing within this A/C system that it would take longer to maximize the cooling ability. We may need to wait a few days and see how cool this unit really is as a final test.

This product does not need to be replenished every time the system is opened but rather when a condenser core is replaced, we would need to add the product once again. Once the product is introduced it would have a long life. I have no idea of the initial cost of the product but once it is introduced the product should be in place for the virtual life of the vehicle.

I believe this is the strongest recommendation IceCOLD could have, coming from the Director of Vehicle Maintenance for a major city's fleet vehicle operations.

Please see attached photographs.

Dan Beszborn