

Millbrook Vehicle Emissions Laboratory

We (U.K. Taxi) have a unit installed on a 1988 London Taxi with a 2.7L Ford diesel engine. The tests are being conducted by one of the largest testing facilities in the world, the Millbrook Vehicle Emissions Laboratory, and are rolling tests (on a track, not a dynamometer). The tests are divided into two parts and, given the start-up time for our units, the most fair comparison is between the “Phase 2” portions of each test.

Given the age of the taxi, we expect the purge cycle to continue and emission levels to drop even further, but, even after four weeks, there have been extremely impressive reductions, as shown below.

EMISSIONS (in grammes)

	HC	CO	NO _x	PM
PRE-INSTALL	0.782	2.771	12.821	1.500
AFTER FOUR WEEKS	0.366	1.469	11.024	0.873
% REDUCTION	53.2%	47.0%	14.0%	47.8%