

SUMMARY OF TEST RESULTS – THAI RAILWAYS

The summary of results extracted from the report from the translation undertaken by Akanit Theeranuwat, managing director, PrimaTech Trading Limited, Thailand

1. Perkins 111.5 HP Diesel engine was fitted with a L500 De-Bug on 16 May 1998.

Prior to installing the De-Bug, the fuel filter had to be changed monthly. After installation of De-Bug, the fuel filter was still clean at the end of the test on 19 October 1998, after running for 1863 hours.

Smoke emission test confirmed a reduction of 18.75%.

2. The locomotive with Alstrom 4148 engine (V16- 2250 HP) was fitted with the L4000 De-Bug unit on 29 May 1998. The unit has traveled a total distance of 88,456 km.

The Test ended on 13 November 1998 and the unit had traveled 187,254 km during that time.

The number of filters used reduced from 24 units to 12 units per year.

Fuel savings of 7% to 10% were recorded.

Emission reductions of 10% to 30% were gained

3. The De-Bug L500 was also fitted to a Daewoo (main power Cummins NTA855-R1). The number of filters used, reduced from 24 units to 8 units of filters per year.

End of summary.