



Tri-City TRUCKS PTY. LTD.



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4/6/2004
Camden Council
34 John Street,
Camden, NSW 2570

Attention: **Jayne Christie**
Re: Biodiesel Acco
Rego: **XXG-983**

Dear Jane

Visual report as required on the disassembly of the above-mentioned vehicle.

- Exhaust manifold appeared to be clear of excessive carbon deposits.
- Cylinder head including valves are within acceptable limits.
- Piston crowns & cylinder bore is within specifications with no evidence of marked pistons or scoring to the bore.
- Injector spray pattern to the top of the pistons appeared to have a recent spray pattern disorder & colour.

Steve Barrett informed us regarding to a recent bad quality of fuel been supplied over the last week before the engine was dismantled, also explaining why fuel filters were changed on 2 occasions.

This would also explain the abnormal spray pattern from the injectors. Fuel tanks were drained on the request of Steve.

I understand this engine was to be checked from an engineer from Cummins Diesel, on disassembly Cummins where contacted as such but for some unknown reason this inspection did not take place and we were instructed to reassemble this engine. On reassembly new fuel and oil filters were fitted as well as new engine oil and coolant.

Summary

Over the period of the test on this vehicle there was no evidence of damage or abnormal wear to engine.

Our only concern would be the quality of fuel creating premature replace of obstructed fuel filters.

Tri City Trucks were pleased to help you in the test on these vehicles, and support any future tests to support our local environment.

Regards

Tri City Trucks (NSW) Pty Ltd

Peter Lanham

(Service Manager)