

THESE TESTS ARE DONE TO AVOID MISLEADING AMATEUR TESTS.

Dipetane **AUTHORISED PROFESSIONAL TEST REPORTS** including Contact Details. Professional Tests by Independent Internationally Accredited Testing Agencies.

(1) Engine Emission Tests;

Gas Technology Services Victoria 3190 Australia – Accredited Testing Agency

Linfox emission tests – see below:-

### **SUMMARY OF ALL DATA**

The following table represents a summary of the percentage change in the before

And after Dipetane test results for all forms of emission testing and analysis conducted for Linfox between April 2000 and November 2000

Vehicle	Rpm	%	%	%	%	%	%
	0 = idle	Reduction of CO2 after use of Dipetane	Reduction of CO after use of Dipetane	Increase of O2 after use of Dipetane	Reduction of Nox after use of Dipetane	Reduction of Sox after use of Dipetane	Reduction of smoke after use of Dipetane
Fox 781	0	23.00%	9.50%	3.60%	28.80%	22.90%	57.10%
	2000	15.20%	7.40%	3.90%	35.40%	26.80%	61.50%
Fox 783	0	17.30%	0.00%	4.80%	34.00%	19.90%	60.00%
	2000	13.70%	3.60%	4.50%	32.40%	25.70%	61.50%

April 2000 to Nov 2000

Report No 0/106-6/M

Job No 0/106

Ref Environmental Analysis/00106 Report Linfox.doc

Date 20/dec/2000

Email [gastech@gastechnology.com.au](mailto:gastech@gastechnology.com.au)

Contact Name Ref Report/job no as above

(2) Engine Tests;

Chassis Dynamometer CAT Approved Testing House  
Gough, Gough & Hamer Ltd – ISO, 9001 accredited company  
Auckland  
New Zealand

Contact Name Mr Murray Kernohan  
Tel Intl – (0)9-979-9333  
Report 9/8/2002 to Cleanburn Fuels Ltd

This test clearly demonstrates an increase in Horse Power at the wheel,  
equivalent

To a 7.3% Fuel Saving.

(3) Engine-Carbon Balance and Emission tests;

Automotive Testing + Development Services Inc – Accredited Testing  
Agency

400 Sth Edwana Ave, Ontario, CA91761, USA  
ATDS Tests Performed for Combustion Technologies, LLC.  
(Our US Distributor)

Final Report on Ford 350 Diesel Truck dated 30/8/2002

This test on Standard Diesel showed major emission reductions in

NOx - 20%

HC - 44%

PM10 - 25%

Increase in fuel economy of 4% on a Carbon Balance Test, this is a significant  
increase on such an older vehicle.

Final Report on Dodge Ram 2500, 5.9L Turbo Cummins dated 16/9/02

This test was on a B20, biodiesel 20% and 80% standard diesel.

The reduction in PM10 Fuel Emissions is very significant as NOx was  
simultaneously reduced, no other known technology can do this.

Hot 505 Tests

All Tests performed to 40CFR86, EPA + CARB Regulation

Tel Intl-909-390-1100

Contact Name Mr Linwood E Farmer – Division Vice President

(4) Engine Tests...MPG.

Long Term Group Control Comparative Truck tests. MPG tests.

8 identical vehicles covering 300,000 miles in each truck over two years.

All 8 vehicles were Peterbuilts with Cummins 365 diesel engines.

The 4 control trucks that stayed on standard diesel lost an average of 9% in  
mpg over the two year test whilst at the same time the 4 testing trucks on  
Dipetane treated diesel increased their MPG by an average of 8%, compared  
to their base Line figures.

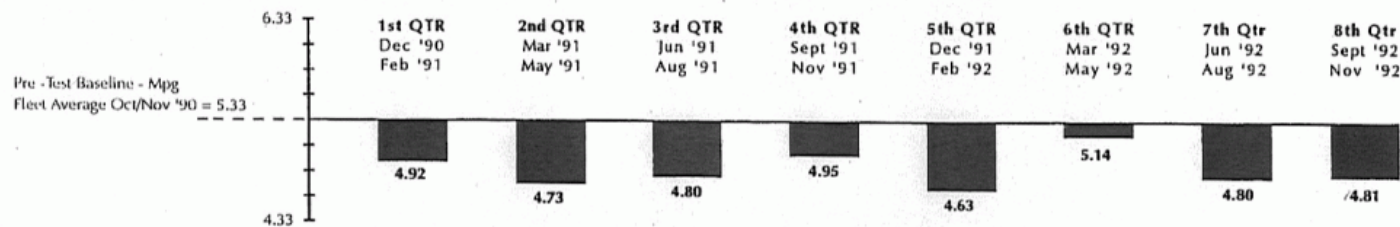
## FUEL SAVINGS 17.6%

### FINAL RESULTS - MPG USA INDEPENDENT LONG TERM 24 MONTHS- 8 DIESEL TRUCK CONTROL TESTS - MPG

Both the Control Group and Testing Group Each Consisted of 4 - 1990 Peterbuilt Trucks all with Cummins 365 Diesel Engines  
All the front axels and fuel tanks have an infra-red electronic measuring mechanism linked to an onboard computer to measure MPG accurately

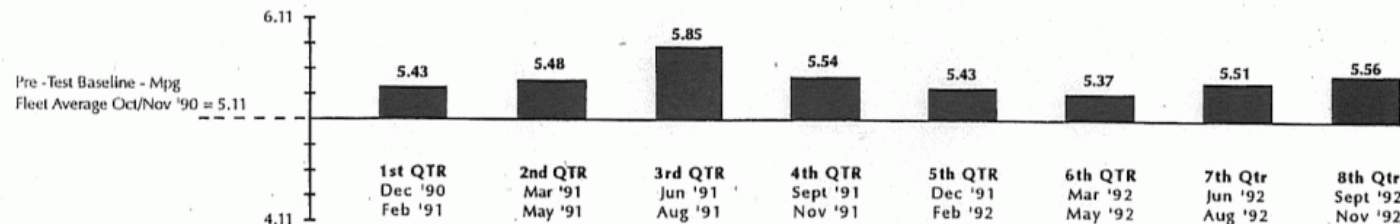
#### CONTROL GROUP OF VEHICLES - WITHOUT DIPETANE

START MILEAGE FLEET AVERAGE 93 261	TOTAL TESTING MILES - 1,172,256 AVERAGE TESTING MILES PER TRUCK = 293,069 MILES	BASELINE - MPG OCT/NOV '90 FLEET AVERAGE 5.33 MPG	FLEET AVERAGE - MPG DEC '90 - JULY '92 4.83 MPG	FLEET AVERAGE - MPG DIFF BASELINE V'S 20 MONTH TESTING PERIOD -0.50 MPG DECREASE	% DIFF -9.38% MPG
--	---	---	---	--	----------------------



#### TESTING GROUP OF VEHICLES - WITH DIPETANE DEC '90 - NOV '92

START MILEAGE FLEET AVERAGE 128 995	TOTAL TESTING MILES - 1,126,648 AVERAGE TESTING MILES PER TRUCK = 281,662 MILES	BASELINE - MPG OCT/NOV '90 FLEET AVERAGE 5.11 MPG	FLEET AVERAGE - MPG DEC '90 - JULY '92 5.53 MPG	FLEET AVERAGE - MPG DIFF BASELINE V'S 24 MONTH TESTING PERIOD +0.42 MPG INCREASE	% DIFF +8.22% MPG
---	---	---	---	--	----------------------



FUEL SAVINGS 17.6%

FUEL SAVINGS 17.6%

Based on the above data: Control Group (Non-Dipetane): -9.38% (loss of mpg), and the Testing Group on DIPETANE: +8.22% (increase in mpg) the cumulative effect of both groups, Control and Testing, gives an overall difference of 17.6%  
**A - Consider the Nett Cash Savings of approximately 1 in 7 Trucks at Nil Diesel Cost**  
**B - Consider the Cash Savings of Clean Engines**  
**C - Consider the Environmental Benefit of Reduced Smoke/Emissions**  
 THE ABOVE BENEFITS ARE ACHIEVED OUT OF EXISTING FUEL BUDGET

DIPETANE Fuels are standard fuels restructured - without the use of additives - bringing about the proper combustion of carbon, thereby leading to:

1. Very large and measurable fuel savings
2. Clean Engines and Boilers, i.e. reduced maintenance costs
3. Much lower emission levels.

*DIPETANE - works equally well in Boilers*

*Astute Financial Environmental, Logistic and Transport Managers - Appreciate the above impact on the Bottom Line  
N.B. £2,000 Nett per Truck, Fuel Savings alone (UK) i.e. Average Truck using 50,000 litres of Diesel per year (With NO Capital Cost)*

## FUEL SAVINGS 17.6%

(5)

Boiler Tests;

BOILERS --- - USING DIPETANE TREATED GAS OIL

Testing Dipetane in a new boiler using Gas Oil without Dipetane and with Dipetane under strictly controlled laboratory test conditions using a domestic oil fired boiler.

This test was carried out by the University of Ulster, Research and Consultancy Services on a brand new boiler in the University's own laboratory.

The test was carried out by Mr Alan Logan, BSc, MSc, MCIBSE, MIMarE CEng  
Dept of Building & Environmental Engineering.....Jan1993.

The Energy transfer rate across the boiler was measured using a calibrated and certified energy meter on a 24 hour basis to measure a claimed enhanced energy release above the Calorific value of the host fuel.

Without Dipetane;

A Specific Fuel Consumption( SFC) of 96.53 g/kWh was measured on the Shell Calorific value Gas Oil being MJ/kg which was obtained from Shell Technical Services, this measurement was made after 275 hours of burning.

After the above measurement was done the same batch of fuel was treated with Dipetane and all the same measurements and controls were used to observe any improvement in energy release.

With Dipetane;

A Specific Fuel Consumption (SFC) of 85.13g/kWh was measured after 924 hours of burning under the exact same conditions and controls. This was an **increase of 10.45%** above the standard untreated fuel.

(6) The Irish Science and Technology Agency now called Enterprise Ireland  
Glasnevin Dublin 9.

Telephone; Intl-353-1-8082000.

Chemical Analysis of Dipetane.

Report No 73/014321.

File No R6/24138E..

Dated; 15<sup>th</sup> January 1988.

As safe to use as diesel, extra tests on metals, rubber and plastics.

(7) ITS – Intertek Testing Services (Australia) Pty ltd, Melbourne – Accredited  
Testing Agency.

Lab tests on Dipetane

Report Date 26/6/2002  
Report No 880-0337/02  
Tel Intl-61-3-9646-9299  
Email [Melbourne@intertest.com.au](mailto:Melbourne@intertest.com.au)  
Analysis of Dipetane – 100% Hydro Carbon – “no additives”.  
Approved by Mr Kevin Huml

- (8) DERA.....Defence Establishment Research Association.  
Fuels Research and Development.  
Room G22,Building 442.  
DERA Pyestock,  
Farnborough.  
Hants GU14 OLS.  
England.

Dipetane Limited No Harm Tests-Unclassified..  
Report Dated 13-06-2000  
Report by Mr Stephen Wall.  
Tel No; Intl –0044 -1252 374472

- (9) Ricardo Consulting Engineers Ltd.  
Bridge works,  
Shoreham-By –Sea,  
West Sussex. BN 43 5FG.  
England.

Dipetane Clean Up Tests in Engines.  
Report dated 12<sup>th</sup> June 2000  
Report by Mr Mike Twilley-Development Engineer.  
Fuels and Lubricant Product Testing.  
Tel No; Intl-0044 1273 455611  
Fax No;Intl-0044-1273-464124.

**Re: contacting the above Testing Agencies**

Please note that they are only allowed to confirm that they did the tests for us, they cannot comment on the tests. If you want a copy of any of these above reports please e-mail “info@dipetane.ie” and we will be very pleased to send them to you at nil costs.

**Authorised Professional Tests** by Dipetane International Ltd can be relied upon. Such tests can only be authorised directly by Dipetane International Ltd and nobody else. We do not recommend **non-authorised** tests.