

IFT-Liquid

Advanced Fuel Technology

**An automotive gasoline fuel conditioner
which provides a 10%+ MPG improvement
when used properly and continuously.**

Performance Documentation Summary

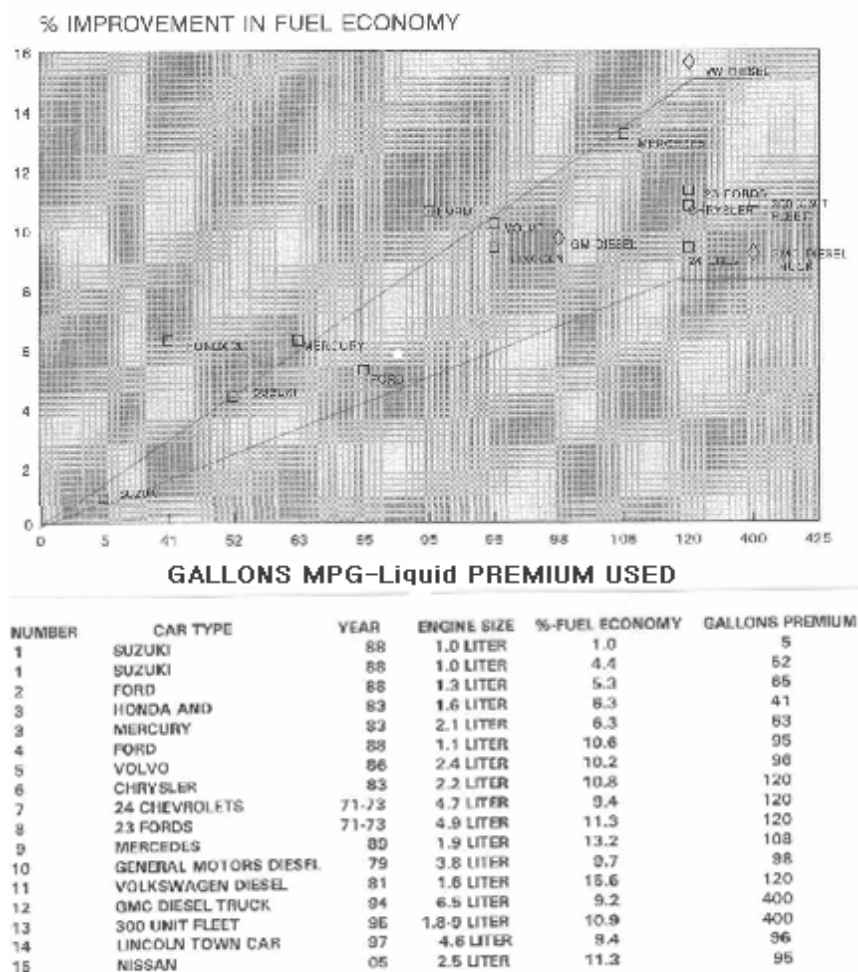
Innovative Fuel Technologies

**650 Douglas Ave, Suite 1040
Altamonte Springs, FL 32714**

Why consider **IFT-Liquid** which provides an in-cylinder combustion catalyst ?

- **Formulated for presentation in a caplet which will treat 12-22 gallons of gasoline supporting the continuous use requirement**
 - **Catalytic nano phase coating develops on piston, valve & head surfaces**
 - **Continuous use required to maintain catalyst effectiveness**
- **Features:**
 - **Increase combustion efficiency - MPG up by 10%**
 - **Increase acceleration time in Knock detector fitted engines**
 - **Reduce combustion chamber deposits**
 - **Improves long term performance of exhaust catalyst**
 - **Proper use and benefit can be shown by red color on spark plugs**
- **Unique Features:**
 - **No immediate effect**
 - **The 10%+ efficiency improvement has been proven in real world use.**
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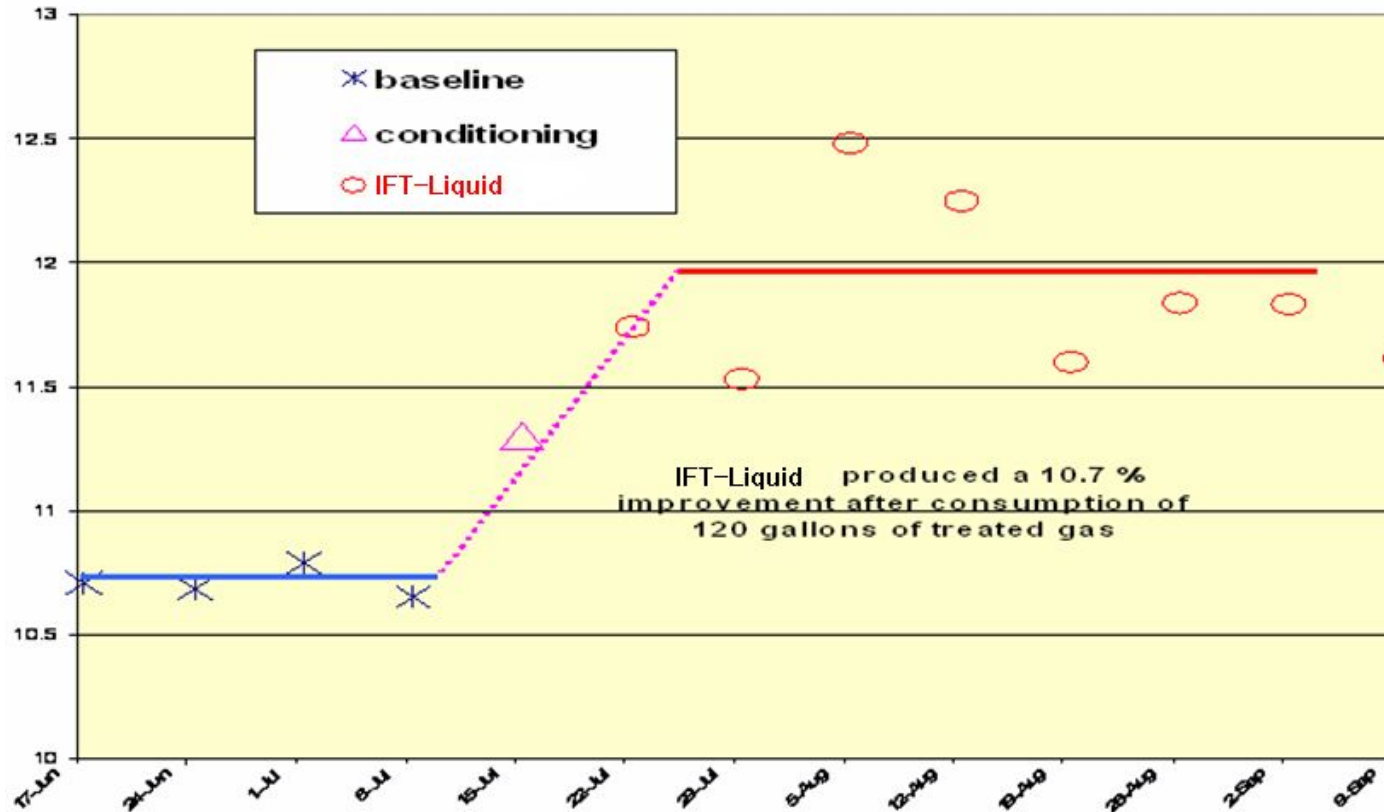
Continuous use of **IFT-Liquid** for 120 gallons treated fuel consumption produces a 10% MPG increase



There is no immediate MPG effect

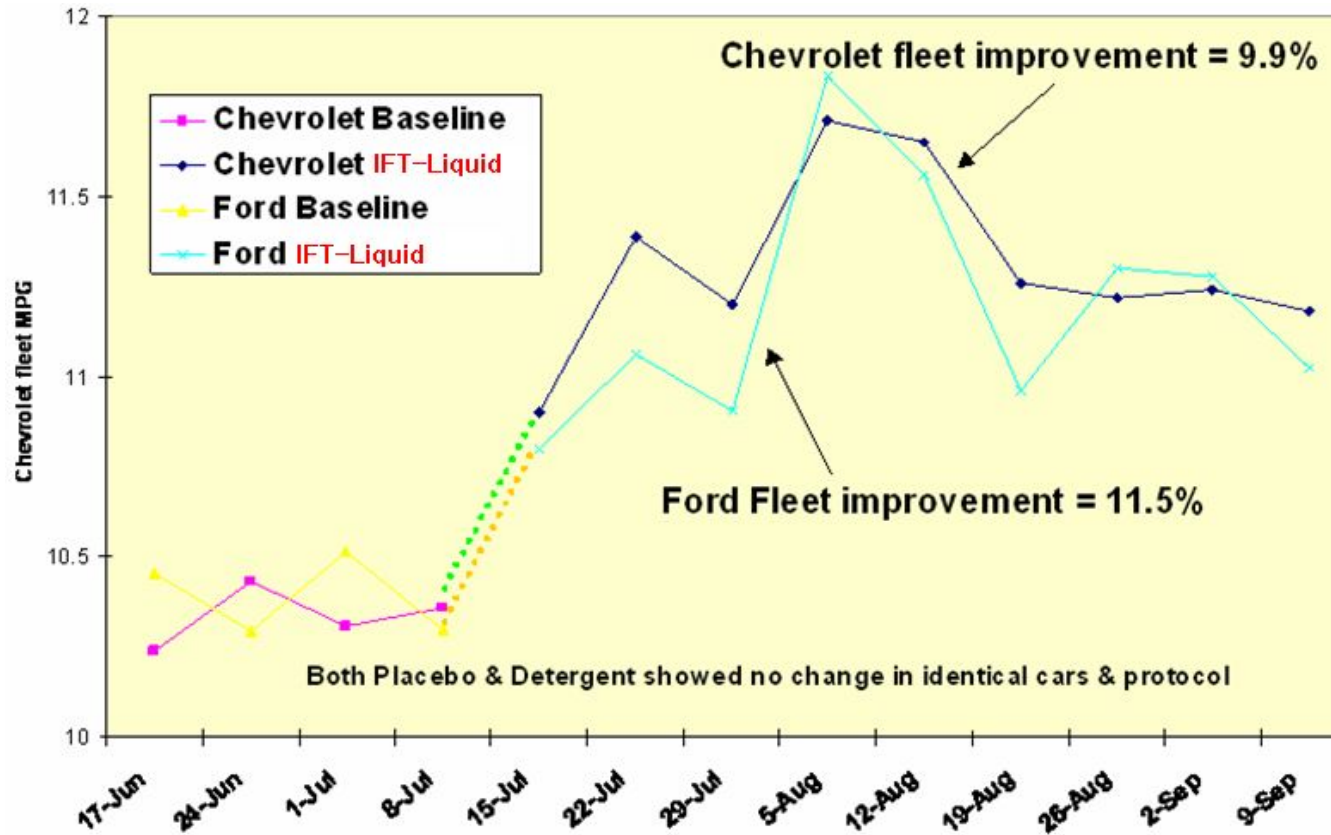
Double blind 163 car test statistically proves 10.7% MPG increase from IFT-Liquid

Placebo produced -0.9%, Detergent produced 1.3%

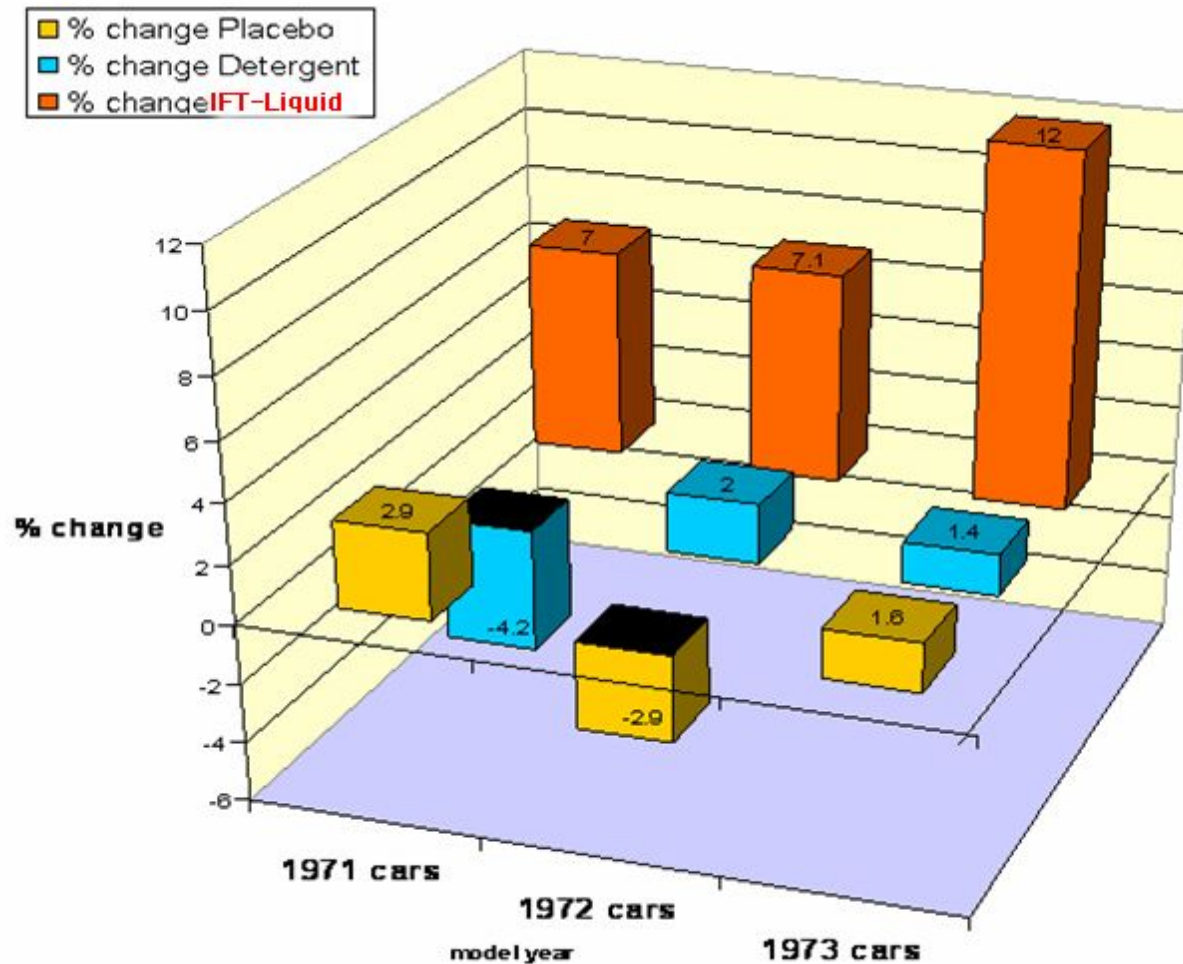


Chevrolet & Ford Respond the Same

1973 Double Blind Gasoline Fleet Test Contrasting IFT-Liquid and a Detergent with a Solvent Placebo



Double Blind 163 Car Test Shows IFT-Liquid Effective in Newer Cars



Autobahn Driving Demonstration of IFT-Liquid Fuel Economy Benefit

Normal performance without IFT-Liquid

Date	IFT-Liquid	gallons	miles	miles per gal	average	% improvement
7/22	0	11.4	233	20.5		
7/22	0	6.89	140	20.3		
7/23	0	9.31	199	21.4	21.45	
7/23	0	7.08	167	23.6		

Conditioning period

7/25	4 oz/20 gal	7.00	146	20.9		13.7%
7/26	4 oz/20 gal	14.8	357	24.2		

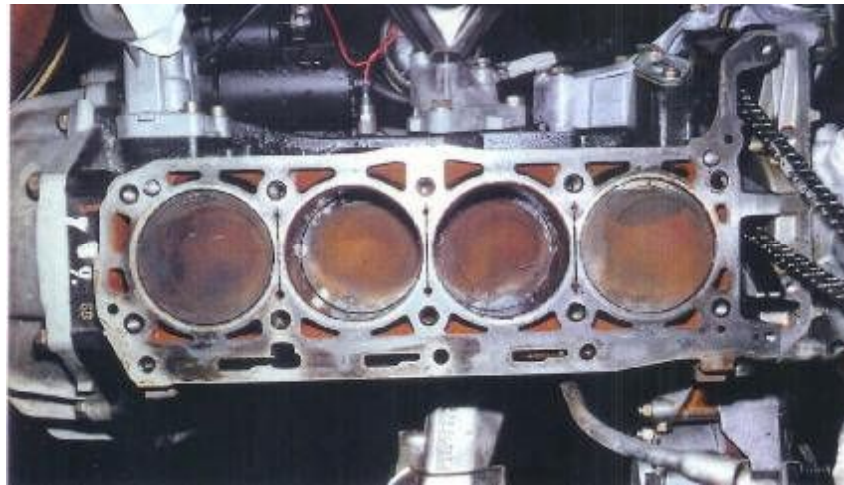
Normal dose IFT-Liquid use period

7/28	1 oz/20 gal	9.98	238	24.0		
7/30	1 oz/20 gal	8.89	216	24.3	24.85	
7/31	1 oz/20 gal	8.49	229	26.9		
8/1	1 oz/20 gal	13.8	333	24.2		

IFT-Liquid Fuel Economy from Red Catalyst



MB102E After 25,000 Miles at >1 or 15 ppm < IFT-Liquid Anti-knock



Continuous Use of **IFT-Liquid** in Gasoline Reduces Combustion Chamber Deposits

Mercedes M102 comparison at 25,000 miles

- piston deposit with unleaded gas: 204 micrometers
- same block -continuous IFT-Liquid use: 146 micrometers
- 28% reduction

BMW 318i side by side for 50,000 miles

- piston deposit with unleaded gas: 173 micrometers
- same block -continuous IFT-Liquid use: 65 micrometers
- 63% reduction

SAE 900154 Reports 10.1% MPG Increase Stable for 25,000 Miles

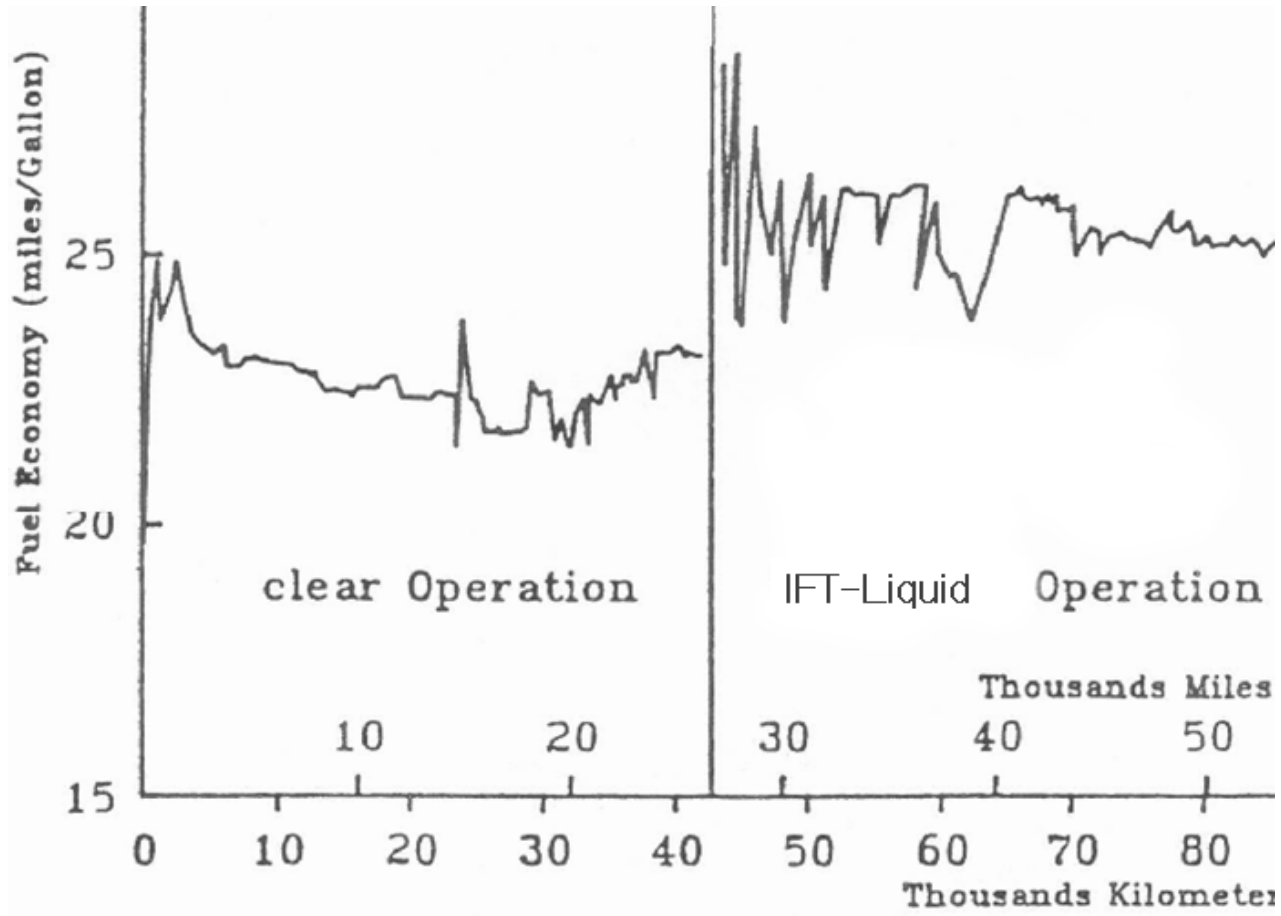
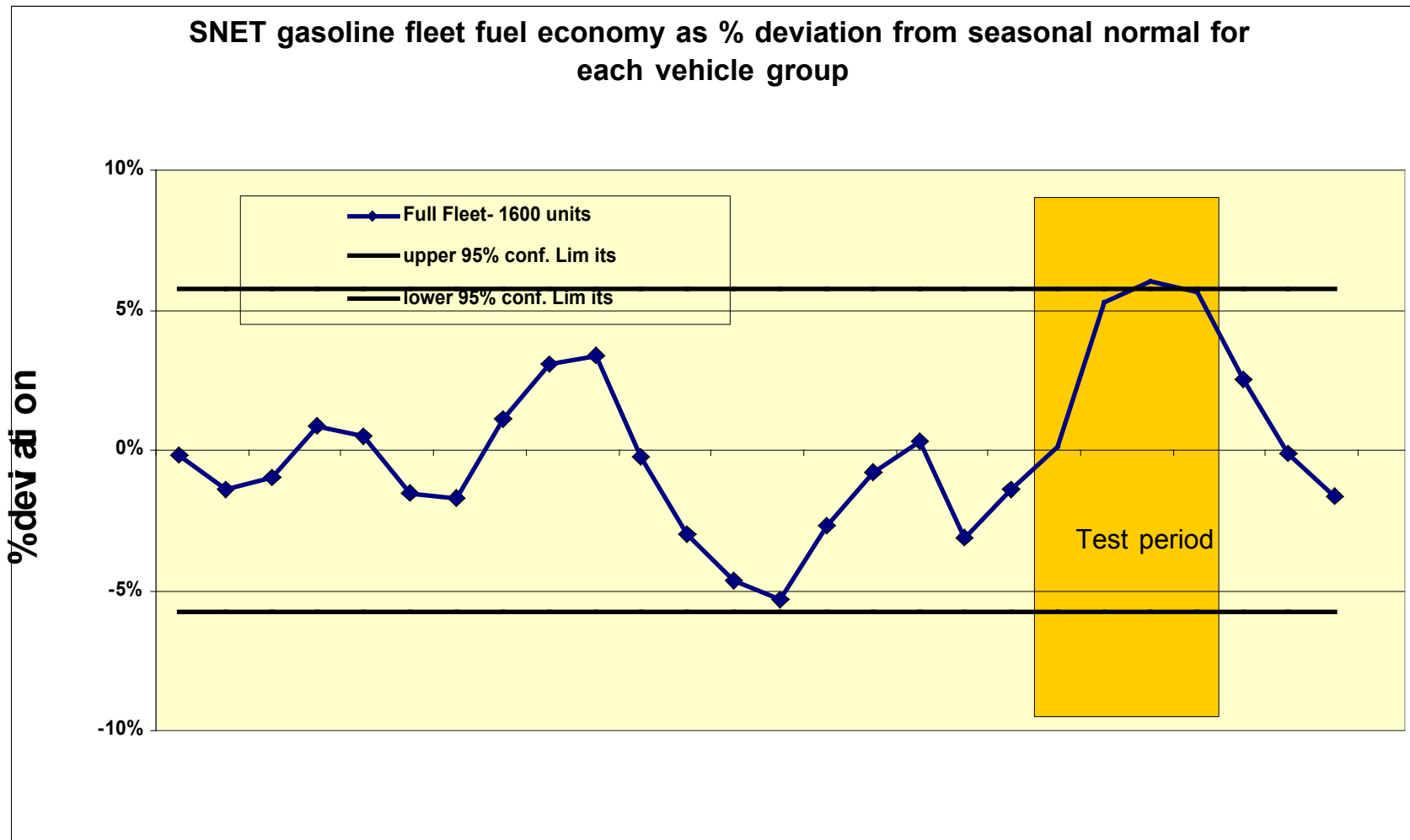


Figure 8: Cumulated Fuel Consumption

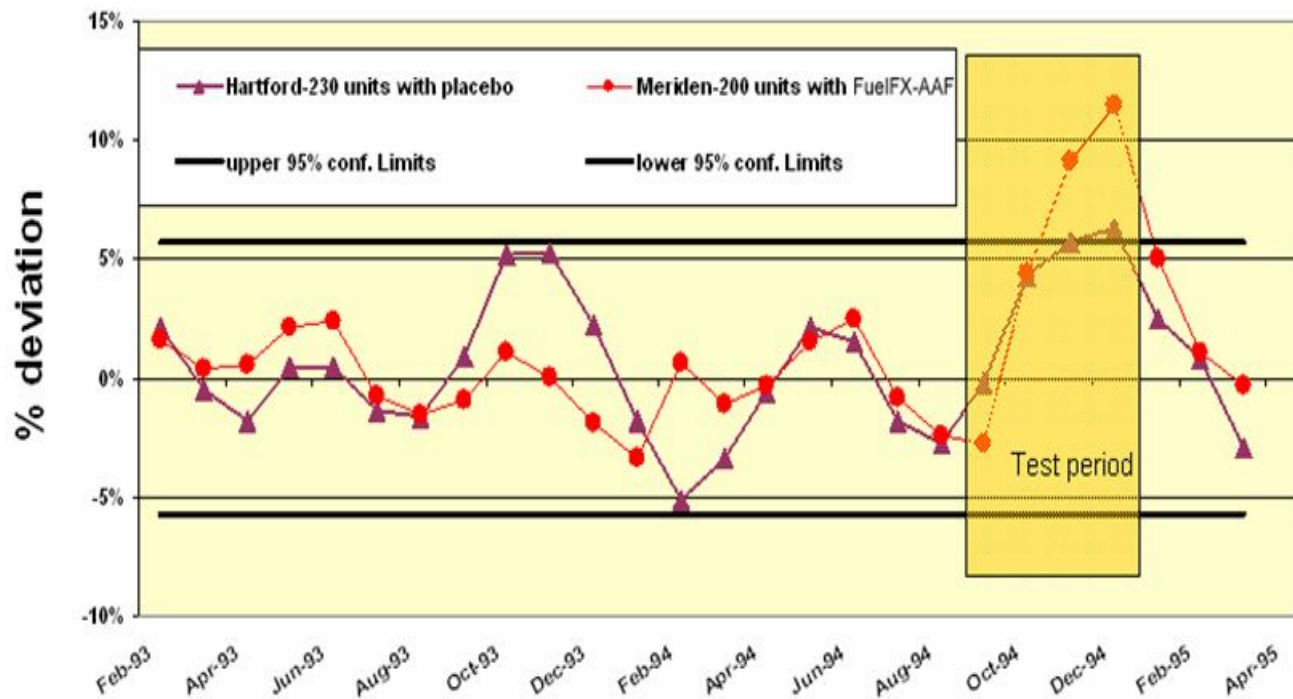
A 1600 Car and Truck Utility Fleet was Used for a Double Blind IFT-Liquid vs. Detergent Study in 1994



Hartford received an additive identical to the one at Meridan but with the IFT-Liquid (unknown to the fleet staff) but it showed no change in MPG-no placebo effect.

Both terminals thought they were using the same additive, only the Meriden terminal with **IFT-Liquid** developed a 10% improvement that went completely away after additization stopped

SNET gasoline fleet fuel economy as % deviation from seasonal normal for each vehicle group



Hartford received an additive identical to the one at Meriden but without the **MPG-Liquid** (unknown to the fleet staff) but it showed no change in MPG- no placebo effect.

Interstate Expressway Driving Demonstration of IFT-Liquid Fuel Economy Benefit

Vehicle: 2005 Nissan Altima 2.5S Testing Done on Cruise Control at 84 MPH

Normal Performance Without IFT-Liquid

Date	IFT-Liquid	Gallons	Miles	MPG	Average	% Improvement
10/04/04	0		3.83	112.5	29.4	
10/04/04	0		4.67	87.3	18.7	
10/05/04*	0		4.59	113.4	24.7	24.8
10/05/04	0		4.68	118.2	25.3	
10/05/04	0		5.18	134.1	25.9	

Conditioning Period

10/05/04*	Part A	18.80	400.0	21.3		11.1%
10/10/04	Part B		19.30	431.7	22.3	(98% significance)

Normal Dose IFT-Liquid Use Period

10/11/04	1oz/20 gal		7.64	218.8	28.6	
10/11/04	1oz/20 gal		3.03	69.7	23.0	27.5
10/11/04	1oz/20 gal		4.15	123.5	29.8	
10/11/04	1oz/20 gal		4.56	110.7	24.3	(*Part A of conditioning accelerates engine stabilization [this vehicle started with 750 miles on odometer] but does not change MPG or emissions).
10/12/04	1oz/20 gal		4.76	119.5	25.1	
10/12/04	1oz/20 gal		4.46	135.8	30.4	
10/12/04	1oz/20 gal		4.61	145.7	31.6	

2005 Nissan Altima

ULEV emission certification spark plugs after 5240 miles

IFT-Liquid use provides **11.1% more MPG**



LONG TERM IFT-Liquid USE IMPROVES EXHAUST CATALYST PERFORMANCE

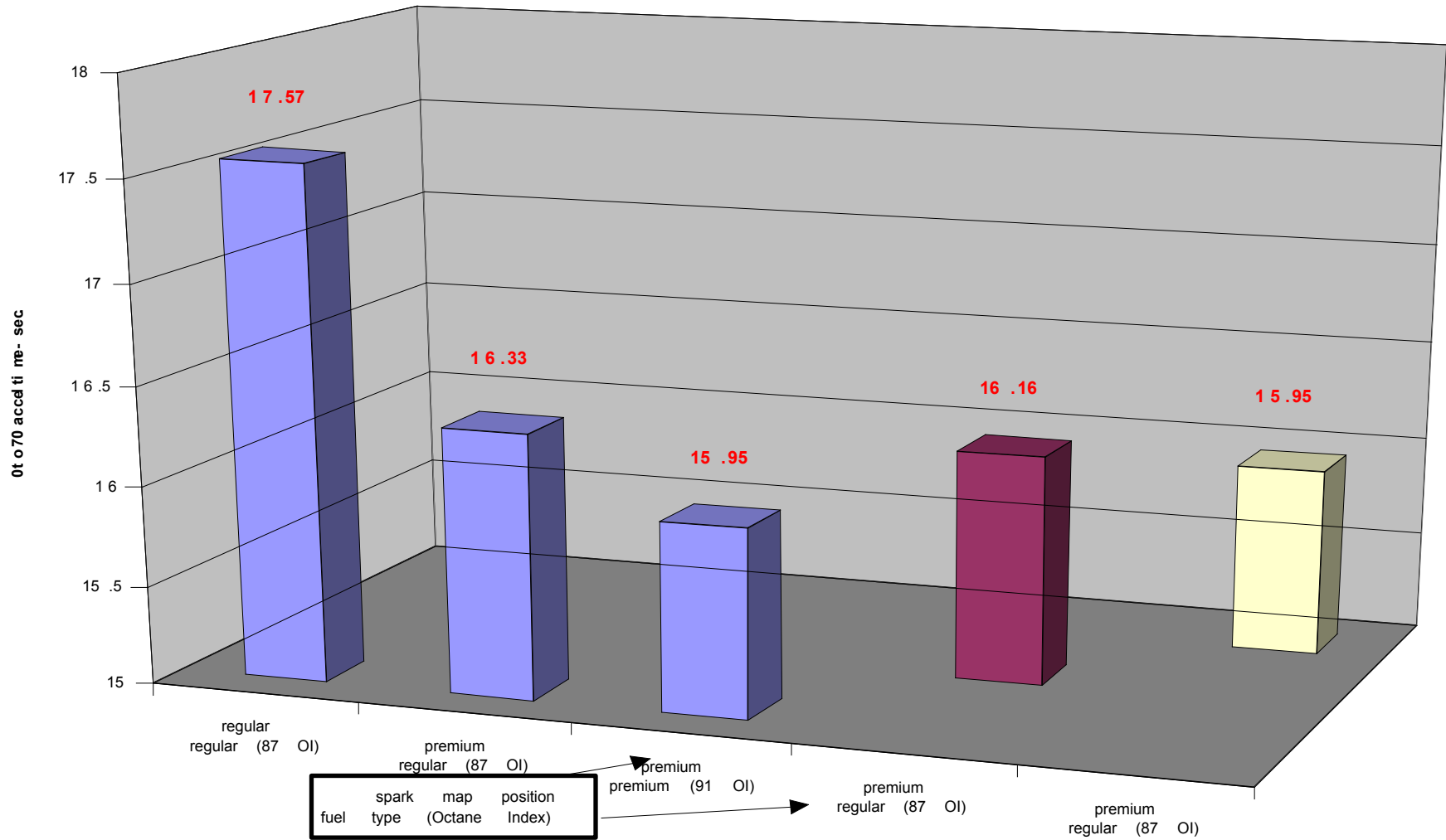
- After 50,000 Miles On-Highway Matched Route Operation

	Baseline (gm/mi)	IFT-Liquid (gm/mi)	% Improvement
CO	4.2	2.7	36
HC	1.00	0.74	26
NO _x	0.67	0.52	22

- After 50,000 Miles AMA Catalyst Durability Test

	Catalyst Efficiency	
	Baseline	IFT-Liquid
CO	76%	98%
HC	91%	98%
NO _x	98%	99%

1987 Ford TurboCoupe with Driver Set Spark Advance Map.



Immediate Performance Boost Plus Substantial Savings

Summary:

- Research conservatively allows a claim of 10% fuel saving after the initial two tank fills are treated with 4 ounces to 20 gallons (initial 4X dose repeated twice only on initial use) of gasoline
- Initial two 4X doses provide substantial acceleration boost
- Continuing use at a rate of 1 IFT-Liquid to 15-20 gallons is required to maintain the 10% savings