

The Effects of Ultra-Low Sulfur Gasoline on Emissions from Tier 2 Vehicles in the In-Use Fleet

Final Report

Appendix A Details of On-Road Mileage Accumulation Route

Assessment and Standards Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

NOTICE

This technical report does not necessarily represent final EPA decisions or positions. It is intended to present technical analysis of issues using data that are currently available. The purpose in the release of such reports is to facilitate the exchange of technical information and to inform the public of technical developments.

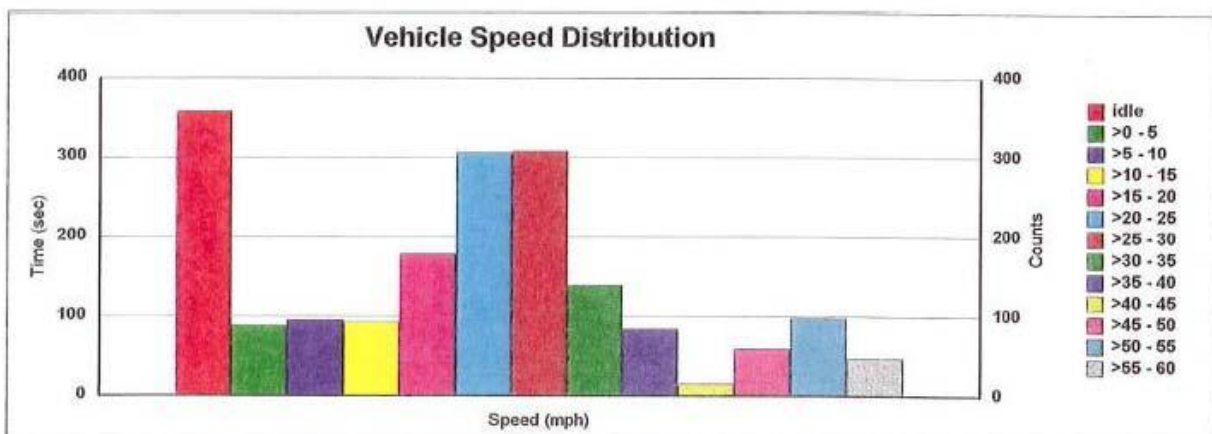
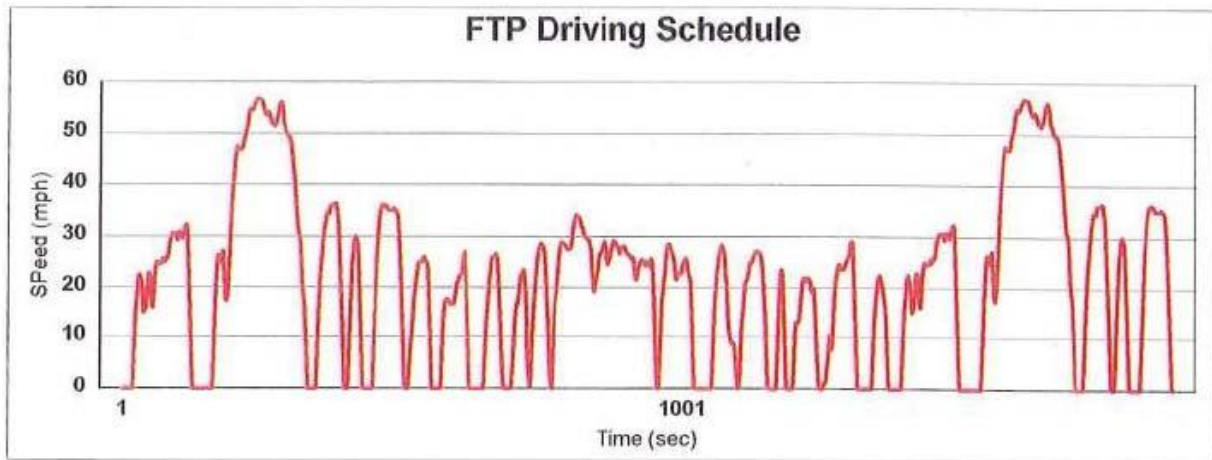
Appendix A. Details of On-Road Mileage Accumulation Route

OBD Route Characterization: FTP Test Cycle

	Time (min)	dev
Average Total Time	31.2	0.0

	Speed (mph)	dev
Ave. Speed > 0mph	26.2	0.0
Ave. Max Speed	56.7	0.0

Number of Stops	
Min Stops	22
Max Stops	22
Ave. Stops	22.0

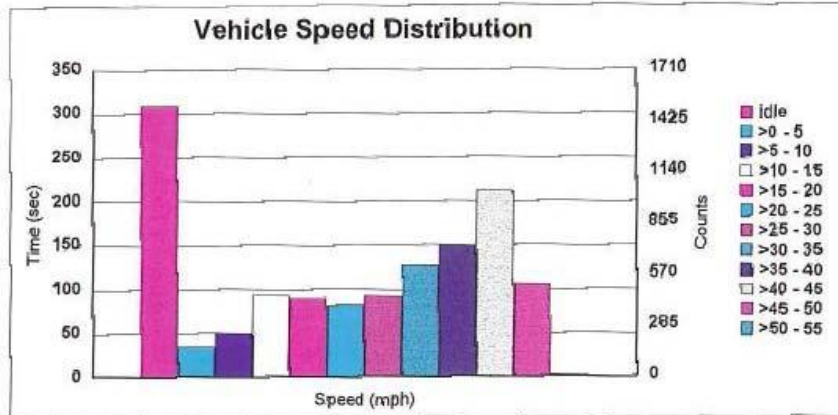


OBD Route Characterization: NVFEL Road Route #5 (used in sulfur test program)

Time (min)	
Average Total Time	22.5

Speed (mph)	
Ave. Speed > 0mph	30.3
Ave. Max Speed	41.9

Number of Stops	
Min Stops	2
Max Stops	31
Ave. Stops	12.7



	cross street	24 h count	PH count	Peak Hour
1) Exit NVFEL by turning left (East) onto Plymouth Road.	EB W. of Commonwealth	12770	1237	5 PM
2) Turn right (South) onto Huron Parkway.	SB S. of Plymouth	7992	729	8 AM
3) Turn right (West) onto Fuller Road which eventually becomes Glen.	WB E. of Glen	13556	1234	5 PM
4) Turn right (West) onto Huron Street.	WB W. of Main	10305	1084	5 PM
5) Turn right (North) onto Main Street.	NB S. of Huron	11362	823	4 PM
6) Turn right (East) onto Kingsley.	EB E. of Main	1522	174	4 PM
7) Turn left (North) onto Division which becomes Plymouth Road.	EB E. of Moore EB E. of Murfin	10567 21159	909 1997	6 PM 5 PM
8) Return to NVFEL.				