



Department of Energy
Bartlesville Energy Technology Center
P.O. Box 1398
Bartlesville, Oklahoma 74003

August 4, 1980

Mr. Lonnie Schwem
5353 West Alabama
Suite 302
Houston, TX 77056

Dear Mr. Schwem:

As per your telephone request of July 30, 1980, the following is a brief summary of the results of our work with Formula 101 using a 1980 Pontiac Phoenix (2.5 l, 4-cylinder, automatic transmission, and air conditioning) in the Federal Test Procedure:

<u>Fuel economy,</u> <u>mpg</u>	<u>Base oil</u>	<u>Base oil + Formula 101</u>	<u>Percent change</u>
Urban	18.98	20.30	+6.95
Composite	22.43	23.86	+6.38
Highway	28.83	30.36	+5.31

These results are based on duplicate testing with 0.5 percent repeatability in fuel economy measurement. As per your recommendation, the vehicle was conditioned for 3,000 miles on Formula 101 prior to testing.

I have contacted Avis Rent-a-Car and asked them to contact you through their Houston office to arrange for the delivery of the Pontiac Phoenix upon completion of our testing and termination of our lease.

Sincerely,

Ted M. Naman

Ted M. Naman
Mechanical Engineer
Division of Utilization