



United States Testing Company, Inc.

Tulsa Division

1341 NO. 108th EAST AVENUE TULSA, OKLAHOMA 74116

TELEPHONE: AREA CODE 918-437-8333

REPORT OF TEST

CLIENT: Emissions Technology Inc.
P.O. Box 471918
Tulsa, OK 74147-1918

Attn: Alex Collin

NUMBER
91-0047
3/4/91

SUBJECT: Testing of diesel fuel samples for vapor pressure by the Reid method.

SAMPLE IDENTIFICATION

Two jars of diesel fuel marked "Treated Diesel 2-20-91" and "Untreated Diesel 2/20/91".

RESULTS

	<u>Treated</u>	<u>Untreated</u>
Vapor Pressure, psig	1.0	0.6

The Reid vapor pressure is a measurement of the stabilized pressure exerted by a volume of liquid fuel at 100°F. The test is an indirect measurement of combustion characteristics. When more liquid volatilizes into the pressure chamber the vapor pressure increases. Higher fuel volatility indicates hotter burning characteristics. Therefore, higher vapor pressure indicates a hotter, consequently cleaner, burning fuel.

SIGNED FOR THE COMPANY

Richard Finley
C. Richard Finley
Mgr/Laboratory Services

Laboratories in New York • Chicago • Los Angeles • Houston • Tulsa • Memphis • Reading • Richland



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1341 NO. 108th EAST AVENUE TULSA, OKLAHOMA 74116
TELEPHONE: AREA CODE 918-437-8333

REPORT OF TEST

CLIENT: Emissions Technology Inc.
P. O. Box 471916
Tulsa, OK 74147-1916

NUMBER
91-0073
3/22/91

Attn: Alex Collin

SUBJECT: Testing of unleaded gasoline for Reid Vapor Pressure.

SAMPLE IDENTIFICATION

Two samples of regular unleaded gasoline, one untreated, one treated with Ecolizer.

TEST RESULTS

Untreated Sample	7.6 lbs.
Treated W/Ecolizer	8.4 lbs.

The Reid vapor pressure is a measurement of the stabilized pressure exerted by a volume of liquid fuel at 100°F. The test is an indirect measurement of combustion characteristics. When more liquid volatilizes into the pressure chamber the vapor pressure increases. Higher fuel volatility indicates hotter burning characteristics. Therefore, higher vapor pressure indicates a hotter, consequently cleaner, burning fuel.



notary
Debra Finley
Exp. March 17, 92

SIGNED FOR THE COMPANY

C. Richard Finley
C. Richard Finley, Manager
Laboratory Services

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SGS U.S. Testing Company Inc.

1341 North 106th East Avenue - Tulsa, OK 74116 • Tel: 918-437-8333 • Fax: 918-437-8487

CLIENT: Emissions Technology Inc.
P.O. Box 47191B
Tulsa, OK 74147-1918

Attn: Clark Daywalt

Test Report No: 162482	Date: November 2, 2001
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SUBJECT: Pressure Tests.**REFERENCE:** Letter.

SAMPLE ID: Two (2) samples identified as "ECO Units" were received from the client on 10/28/01. The samples received were 1/4" NPT by 8" in length. The samples were received in good condition.

PROCEDURE: The samples were evaluated by gradually applying a 10,000 psi hydrostatic pressure for 1 minute or until failure. No revisions to this report will be allowed after 90 days of the report date.

RESULTS: Sample: 1/4" NPT by 8" length
Both samples held 10,000 psi for one minute without failure.

TEST DATE: 11/1/01.

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.**

Jeff Simmons
Dept. Manager/Product Evaluation

Dale E. Holloway
Tulsa Branch Director

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