



PANAIR LABORATORY, INC.

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GASOLINE ANALYSIS REPORT

LABORATORY NO. 12812G
AWB NO. 375-03490104
CUSTOMER J & R Services
TEST COMPLETED 6/10/15
SAMPLED FROM COTT Truck Compartment #4

ORIGIN Grand Cayman	FUEL TYPE Mogas
DATE SAMPLED 5/22/15	RECEIVED AT LAB 6/8/15
REFINER	REFINER'S DESIGNATION Super

THIS REPORT RELATES ONLY TO THE SAMPLE TESTED AND DOES NOT GUARANTEE THE BULK OF THE MATERIAL TO BE OF EQUAL QUALITY.

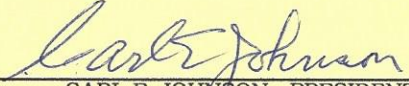
ASTM (D 86)

API GRAVITY @ 60 (D4052)	<u>57.6</u>
SPECIFIC GRAVITY @ 60 F (CONV.)	<u>0.7479</u>
APPEARANCE (D4176)	<u>Clear</u>
OLEFINS, % VOL. (D 1319)	_____
ODOR	_____
COLOR VISUAL	_____
CORROSION, COPPER STRIP (D 130)	<u>1a</u>
DOCTOR TEST (IP 30)	_____
EXISTENT GUM, MG/100 ML (D 381/ IP 131)	<u>11</u>
WASHED GUM, MG/100 ML (D 381)	<u><1</u>
FREEZE POINT, C (D 2386)	_____
VAPOR LOCK INDEX (D323)	_____
DRIVEABILITY (D4814)	<u>578</u>
OCTANE NUMBER, MOTOR (D 2700)	<u>85.7</u>
OCTANE SENSITIVITY (RON - MON)	_____
OCTANE NUMBER, RESEARCH (D 2699)	<u>97.1</u>
ANTI-KNOCK INDEX (R+ M/2)	<u>91.4</u>
OXIDATION STABILITY @ 100 C, MINUTES (D 525)	_____
PARTICULATE MATTER, MG/L, (D 5452)	<u>0.14</u>
FILTER MEMBRANE COLOR RATING (D 5452)	<u>B-1</u>
THRUPUT, LITERS	<u>0.833</u>
PHOSPHOROUS CONTENT, MG/L (D 3231)	_____
POTENTIAL GUM, MG/100 ML (D 873)	_____
MANGANESE, mg/L (D 3831)	<u>17.4</u>
SULFUR, mg / kg (ppm) (D 2622)	_____
TETRAETHYLLLEAD CONTENT, g/U.S. gal. (D 3237/ IP 362)	_____
LEAD CONTENT g/Liter (CONV.)	_____
SILVER CORROSION (D4814 annex)	_____
VAPOR PRESSURE (LB REID/kPa) (D 5191)	<u>8.96/61.7</u>

DISTILLATION	C
IBP	<u>33.2</u>
10% Evaporated	<u>54.4</u>
50% Evap.	<u>112.1</u>
90% Evap.	<u>159.7</u>
END POINT	<u>197.8</u>
RECOVERY	<u>98.7</u> %
RESIDUE	<u>0.8</u> %
LOSS	<u>0.5</u> %

Product complies with ASTM D4814 for Mogas test results shown if box is checked

Ethanol, % Vol. (GM) 0


 CARL E. JOHNSON, PRESIDENT
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