

J & R INDUSTRIAL SERVICES
P.O BOX 32038
KYI - 1208 GEROGETOWN, GRAND CAYMAN
Cayman Islands



Saybolt LP
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Handled by: Basel Tolaymat

Reference AWB#28976124/28975262
Report no. 13056/2971 .01.L/13
Report date 19/Aug/2013
Object Submitted Samples for Analysis
Product Motor Gasoline (Mogas)
Location Grand Cayman, J & R Industrial Services
B/L Date

CERTIFICATE OF ANALYSIS

Sample submitted as Motor Gasoline (Mogas)
Received Submitted by J & R Industrial Services 8-15-13
Marked (50% STK #3 + 50% Gas Station Pump #2), RUBIS CAYMAN BRAC
Date of sampling 05/Aug/2013
Testing completed 19/Aug/2013 Time
Sealed N/A
Lab number 1006352

| Test | Analyte | Unit | Method | Specification | Result | |
|------------------------|---------------------------------|-----------|-------------|---------------|--------|--------|
| | | | | | Prefix | Figure |
| API gravity at 60 °F | Gravity API | °API | ASTM D 4052 | Report | | 52.0 |
| Appearance | Appearance | | ASTM D 4176 | C+B | | C+B |
| Distillation | Initial boiling point | °C | ASTM D 86 | Report | | 36.6 |
| Distillation | 10% Evap. | °C | ASTM D 86 | 70.0 max | | 61.5 |
| Distillation | 50% Evap. | °C | ASTM D 86 | 77.0-121.0 | | 111.0 |
| Distillation | 90% Evap. | °C | ASTM D 86 | 190.0 max | | 158.6 |
| Distillation | Final Boiling point | °C | ASTM D 86 | 225.0 max | | 191.4 |
| Distillation | Recovery | v/v% | ASTM D 86 | Report | | 97.6 |
| Distillation | Residue | v/v% | ASTM D 86 | 2 max | | 1.3 |
| Distillation | Loss | v/v% | ASTM D 86 | Report | | 1.1 |
| Distillation | Evap @ 200 Deg. F | v/v% | ASTM D 86 | Report | | 36.6 |
| Distillation | Evap @ 300 Deg. F | v/v% | ASTM D 86 | Report | | 82.7 |
| Copper corrosion | Copper corrosion, 3Hrs @ 122 °F | | ASTM D 130 | 1 max | | 1A |
| Vapour Pressure Air | Reid Vapor Pressure @ 100 °F | kPa | ASTM D 5191 | 62 max | | 56.9 |
| Existent Gum | Gum | mg/100 ml | ASTM D 381 | 4 max | | 7.0 |
| Research Octane Number | RON | | ASTM D 2699 | Report | | 97.7 |
| Motor Octane Number | MON | | ASTM D 2700 | 82.0 min | | 85.4 |
| R + M/2 | R +M/2 | | Calc. | 87.0 min | | 91.6 |

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (except for analysis of RFG), IP367 and appendix E of IP standard methods for analysis and testing with respect to the utilization of test data to determine conformance with specifications.

This report is issued in accordance with the General Terms and Conditions of Saybolt Fort Lauderdale and the recipient is deemed to have full knowledge thereof.

Remarks

B. Tolaymat
Basel Tolaymat

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Handled by: Basel Tolaymat

Reference AWB#28976124/28975262
Report no. 13056/2971 .01.L/13
Report date 28/Aug/2013
Object Submitted Samples for Analysis
Product Motor Gasoline (Mogas)
Location Grand Cayman, J & R Industrial Services
B/L Date

Sample submitted as Motor Gasoline (Mogas)
Received Submitted by J & R Industrial Services 8-15-13
Marked **STK#6, ESSO CAYMAN**
Date of sampling 02/Aug/2013
Testing completed 27/Aug/2013 Time
Sealed N/A
Lab number 1006330

CERTIFICATE OF ANALYSIS

| Test | Analyte | Unit | Method | Specification | Result | |
|------------------------|---------------------------------|-----------|-------------|---------------|--------|--------|
| | | | | | Prefix | Figure |
| API gravity at 60 °F | Gravity API | *API | ASTM D 4052 | Report | | 58.0 |
| Appearance | Appearance | | ASTM D 4176 | C+B | | C+B |
| Distillation | Initial boiling point | °C | ASTM D 86 | Report | | 33.9 |
| Distillation | 10% Evap. | °C | ASTM D 86 | 70.0 max | | 50.5 |
| Distillation | 50% Evap. | °C | ASTM D 86 | 77.0-121.0 | | 102.8 |
| Distillation | 90% Evap. | °C | ASTM D 86 | 190.0 max | | 150.3 |
| Distillation | Final Boiling point | °C | ASTM D 86 | 225.0 max | | 194.5 |
| Distillation | Recovery | v/v% | ASTM D 86 | Report | | 97.0 |
| Distillation | Residue | v/v% | ASTM D 86 | 2 max | | 1.5 |
| Distillation | Loss | v/v% | ASTM D 86 | Report | | 1.5 |
| Distillation | Evap @ 200 Deg. F | v/v% | ASTM D 86 | Report | | 44.3 |
| Distillation | Evap @ 300 Deg. F | v/v% | ASTM D 86 | Report | | 89.3 |
| Copper corrosion | Copper corrosion, 3Hrs @ 122 °F | | ASTM D 130 | 1 max | | 1A |
| Vapour Pressure Air | Reid Vapor Pressure @ 100 °F | kPa | ASTM D 5191 | 62 max | | 62.7 |
| Existent Gum | Gum | mg/100 ml | ASTM D 381 | 4 max | | 4.0 |
| Research Octane Number | *RON Lab No. 1023157 | | ASTM D 2699 | Report | | 99.0 |
| Motor Octane Number | *MON Lab No. 1023157 | | ASTM D 2700 | Report | | 86.8 |
| R + M/2 | R +M/2 | | Calc. | Report | | 92.9 |

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Remarks

* Sample with Lab No. 1023157 was taken on August 19, 2013.

Armando Mejia
Armando Mejia

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Handled by: Basel Tolaymat

Reference AWB#28976124/28975262
Report no. 13056/2971 .01.L/13
Report date 19/Aug/2013
Object Submitted Samples for Analysis
Product Motor Gasoline (Mogas)
Location Grand Cayman, J & R Industrial Services
B/L Date

CERTIFICATE OF ANALYSIS

Sample submitted as Motor Gasoline (Mogas)
Received Submitted by J & R Industrial Services 8-15-13
Marked COTT Truck Compartment#1, ESSO CAYMAN
Date of sampling 02/Aug/2013
Testing completed 19/Aug/2013 Time
Sealed N/A
Lab number 1006372

| Test | Analyte | Unit | Method | Specification | Result | |
|------------------------|---------------------------------|-----------|-------------|---------------|--------|---------|
| | | | | | Prefix | Figure |
| API gravity at 60 °F | Gravity API | °API | ASTM D 4052 | Report | | 57.9 |
| Appearance | Appearance | | ASTM D 4176 | C+B | | C+B |
| Distillation | Initial boiling point | °C | ASTM D 86 | Report | | 33.1 |
| Distillation | 10% Evap. | °C | ASTM D 86 | 70.0 max | | 51.2 |
| Distillation | 50% Evap. | °C | ASTM D 86 | 77.0-121.0 | | 103.7 |
| Distillation | 90% Evap. | °C | ASTM D 86 | 190.0 max | | 150.1 |
| Distillation | Final Boiling point | °C | ASTM D 86 | 225.0 max | | 195.2 |
| Distillation | Recovery | v/v% | ASTM D 86 | Report | | 97.7 |
| Distillation | Residue | v/v% | ASTM D 86 | 2 max | | 1.3 |
| Distillation | Loss | v/v% | ASTM D 86 | Report | | 1.0 |
| Distillation | Evap @ 200 Deg. F | v/v% | ASTM D 86 | Report | | 43.9 |
| Distillation | Evap @ 300 Deg. F | v/v% | ASTM D 86 | Report | | 89.4 |
| Copper corrosion | Copper corrosion, 3Hrs @ 122 °F | | ASTM D 130 | 1 max | | 1A |
| Vapour Pressure Air | Reid Vapor Pressure @ 100 °F | kPa | ASTM D 5191 | 62 max | | 62.0 |
| Existent Gum | Gum | mg/100 ml | ASTM D 381 | 4 max | | 16.0 |
| Research Octane Number | RON | | ASTM D 2699 | Report | | Pending |
| Motor Octane Number | MON | | ASTM D 2700 | 82.0 min | | Pending |
| R + M/2 | R +M/2 | | Calc. | 87.0 min | | Pending |

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (except for analysis of RFG), IP367 and appendix E of IP standard methods for analysis and testing with respect to the utilization of test data to determine conformance with specifications.

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Remarks

B. Tolaymat
Basel Tolaymat

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Cayman Islands
226682001

Attention of : Jalon Linton Linton
Your reference : AWB#28976124/28975262

Certificate of Quality

Report number : 13056/00002971.0/L/13 Sample date : 2013-08-02
Main Object : Submitted Samples for Analysis Place of sampling : Grand Cayman
Report Date : 2013-08-26 Date received : 2013-08-26
Date of issue : 2013-08-26 Date completed : 2013-08-26
Sample object : ESSO CAYMAN STK#6 Sample number : 1006330
Sample type : Submitted
Sample submitted as : Motor Gasoline (Mogas)
Marked : ESSO CAYMAN - SHORE TANK#6

| NAME | METHOD | UNIT | RESULT |
|----------------|-------------|------|--------|
| Manganese (Mn) | ASTM D 3831 | mg/L | <0.1 |

Signed by: Armando Mejia - Lab Contact
Issued by: Saybolt LP
Place and date of issue: Ft. Lauderdale - 2013-08-26

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (except for analysis of RFG) and IP 367 with respect to the utilization of test data to determine conformance with specifications.

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Attention of : Jalon Linton Linton
Your reference : AWB#28976124/28975262

Certificate of Quality

Report number : 13056/00002971.0/L/13 Sample date : 2013-08-05
Main Object : Submitted Samples for Analysis Place of sampling : Grand Cayman
Report Date : 2013-08-26 Date received : 2013-08-15
Date of issue : 2013-08-26 Date completed : 2013-08-26
Sample object : RUBIS CAYMAN BRAC Sample number : 1006352
Sample type : Submitted
Sample submitted as : Motor Gasoline (Mogas)
Marked : RUBIS CAYMAN BRAC - Blend 50% Stk#3+ 50% Pump#2

| NAME | METHOD | UNIT | RESULT |
|----------------|-------------|------|--------|
| Manganese (Mn) | ASTM D 3831 | mg/L | 0.4 |

Signed by: Armando Mejia - Lab Contact
Issued by: Saybolt LP
Place and date of issue: Ft. Lauderdale - 2013-08-26

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (except for analysis of RFG) and IP 367 with respect to the utilization of test data to determine conformance with specifications.

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Attention of : Jalon Linton Linton
Your reference : AWB#28976124/28975262

Certificate of Quality

Report number : 13056/00002971.0/LJ/13 Sample date : 2013-07-29
Main Object : Submitted Samples for Analysis Place of sampling : Grand Cayman
Report Date : 2013-08-26 Date received : 2013-08-26
Date of issue : 2013-08-26 Date completed : 2013-08-26
Sample object : RUBIS CAYMAN BRAC T26 Sample number : 1006367
Sample type : Submitted
Sample submitted as : Motor Gasoline (Mogas)
Marked : RUBIS CAYMAN BRAC T26 - Blend Tank # 193 + COTT Truck

| NAME | METHOD | UNIT | RESULT |
|----------------|-------------|------|--------|
| Manganese (Mn) | ASTM D 3831 | mg/L | 7.0 |

Signed by: Armando Mejia - Lab Contact
Issued by: Saybolt LP
Place and date of issue: Ft. Lauderdale - 2013-08-26

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (except for analysis of RFG) and IP 367 with respect to the utilization of test data to determine conformance with specifications.

