

Contamination by Fluids Test Results

disclaimer

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March 4, 2016

Optic Clear Solutions 46 Tessera Avenue Foothill Ranch, California 92610

Purchase Order Number: Credit Card

| A. <u>TEST</u> : | Contamination by Fluids |
|----------------------------|---|
| B. <u>TEST ITEMS</u> : | Three (3) Placards Part Number - None Serial Numbers 0003, 0004, and 0005 |
| C. <u>SPECIFICATIONS</u> : | Optic Clear Solutions Document No. OCS-TP-0001, Revision A, Paragraph 3 ANSI NCSL Z540-1 |

3. ISO 17025:2005

D. RESULTS:

This is to certify that the Placards were subjected to the Contamination by Fluids Test according to the above specifications.

There were no anomalies noted as a result of the test. The Placards were returned to Optic Clear Solutions for post tests and final evaluation.

Test data, an equipment list, and photographs are attached.

Karén Norton. Preparer

John Guzman.

Cathv Ruthble.

Quality Coordinator

Program Manager

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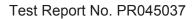


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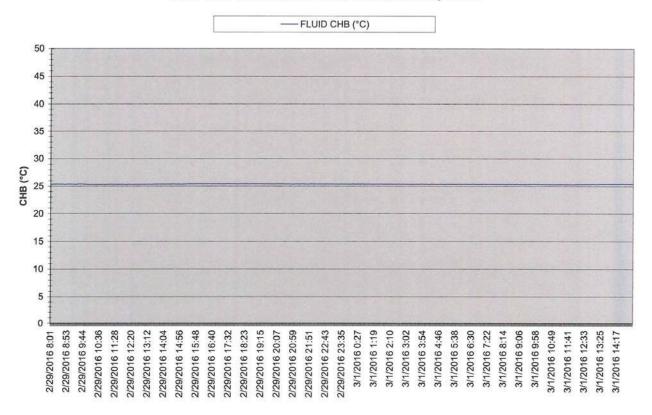
GENERAL DATA SHEET

| Optic Clear | MJO: | PR045037 | | |
|-------------------------|--|---|---|--|
| Contamination by Fluids | DATE: | 2/29/2016 | | |
| Placards | | | | |
| NA | S/N: | 0003, 0004, 0005 | | |
| OCS-TP-0001 | PARA: | 3 | | |
| Heng Tieng | TEMP: | 76°F | RH: 48% | |
| John Guzman J. G. | DEVIAT | ION: NO X | YES | |
| | Contamination by Fluids Placards NA OCS-TP-0001 Heng Tieng | Contamination by FluidsDATE:PlacardsS/N:NAS/N:OCS-TP-0001PARA:Heng TiengTEMP: | Contamination by Fluids DATE: 2/29/2016 Placards NA S/N: 0003, 0004, 0005 OCS-TP-0001 PARA: 3 Heng Tieng TEMP: 76°F | |

| Date | Time | Test Description | | | | | |
|---------|------|--|--|--|--|--|--|
| | | SN: 0003, Engine Oil: 23°C & Gasoline: 23°C | | | | | |
| | | SN: 0004, Seawater: 23°C & Isopropyl Alcohol: 23°C | | | | | |
| | | SN: 0005, Hydraulic Oil: 23°C & Degreasing Solvent: 23°C | | | | | |
| | | 1st set of fluids, Engine Oils, Seawater, Hydraulic Oil | | | | | |
| 2/29/16 | 0800 | Begin 1 hr wetted condition and followed by a 7 hr dry period | | | | | |
| | 1035 | Observed unit | | | | | |
| | 1212 | Observed unit | | | | | |
| | 1458 | Observed unit | | | | | |
| | 1600 | Observed unit | | | | | |
| | 1605 | 8hrs complete, observed unit, no anomalies | | | | | |
| | | 2nd set of fluids, Gasoline, Isopropyl Alcohol, Degreasing Solvent | | | | | |
| 3/1/16 | 0730 | Begin 1 hr wetted condition and followed by a 7 hr dry period | | | | | |
| | 0914 | Observed unit | | | | | |
| | 1030 | Optic Clear personnel observed unit and reported with no anomalies | | | | | |
| | 1129 | Observed unit | | | | | |
| | 1354 | Observed unit | | | | | |
| | 1505 | Observed unit | | | | | |
| | 1530 | 8hrs complete, observed unit, no anomalies | | | | | |
| | | TEST COMPLETE | | | | | |
| | | RESULT: Return to Optic Clear for further evaluation | | | | | |
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Optic Clear Solutions, PR045037, Contaminates by Fluids



EQUIPMENT LIST

Contamination by Fluids Equipment List

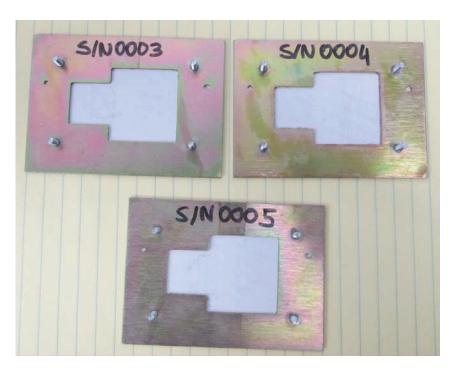
Customer: Optic Clear Solutions

MJO: PR045037

Date: 02/29/16

| Control No. | Equipment | Manufacturer | Model No. | Serial No. | Accuracy | | Calibration | |
|-------------|-----------------------|--------------|-----------|------------|-----------|------------------------------|----------------------------|----------|
| Control No. | Equipment | Wanulacturer | Model No. | Serial NO. | Accuracy | Range | Cycle | Cal. Due |
| FL6949 | Chamber (Temperature) | Thermotron | S-4C | 19075 | ± 0.5% FS | -68 to 177 °C/20 to 95%RH | No Calibration Required | N/A |





Placards Part Number – None, Serial Numbers 0003, 0004, and 0005



Contamination by Fluids – Gasoline Serial Number 0003





Contamination by Fluids – Engine Oil Serial Number 0003

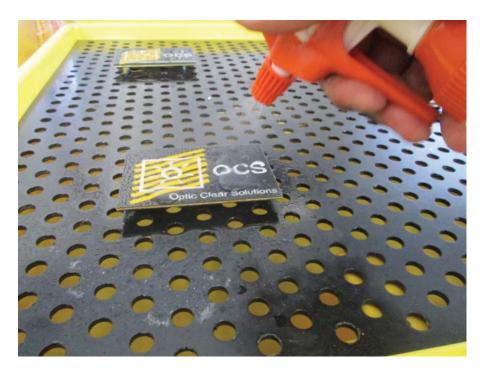


Post Fluid Exposure Serial Number 0003





Contamination by Fluids – Isopropyl Alcohol Serial Number 0004

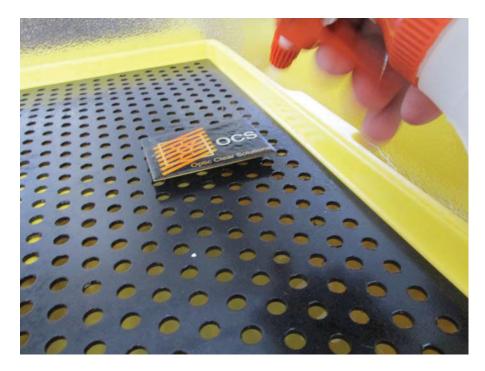


Contamination by Fluids – Salt Water Serial Number 0004



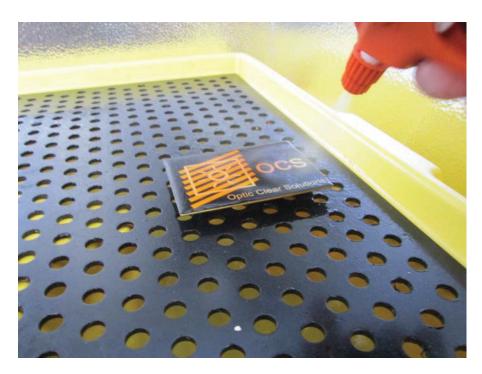


Post Fluid Exposure Serial Number 0004



Contamination by Fluids – Degreasing Solvent Serial Number 0005





Contamination by Fluids – Hydraulic Oil Serial Number 0005



Post Fluid Exposure Serial Number 0005

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