



Optic
Clear
Solutions

Contamination by Fluids Test Results

disclaimer

Test results should not be shared or made public. These results are private and should only be viewed by those special permission has been granted by Optic Clear Solutions LLC.



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March 4, 2016

Optic Clear Solutions

46 Tessera Avenue
Foothill Ranch, California 92610

Purchase Order Number: Credit Card

- A. TEST: Contamination by Fluids
- B. TEST ITEMS: Three (3) Placards
Part Number - None
Serial Numbers 0003, 0004, and 0005
- C. SPECIFICATIONS:
1. Optic Clear Solutions Document No. OCS-TP-0001, Revision A, Paragraph 3
 2. 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.

Karen Norton,
Preparer

John Guzman,
Program Manager

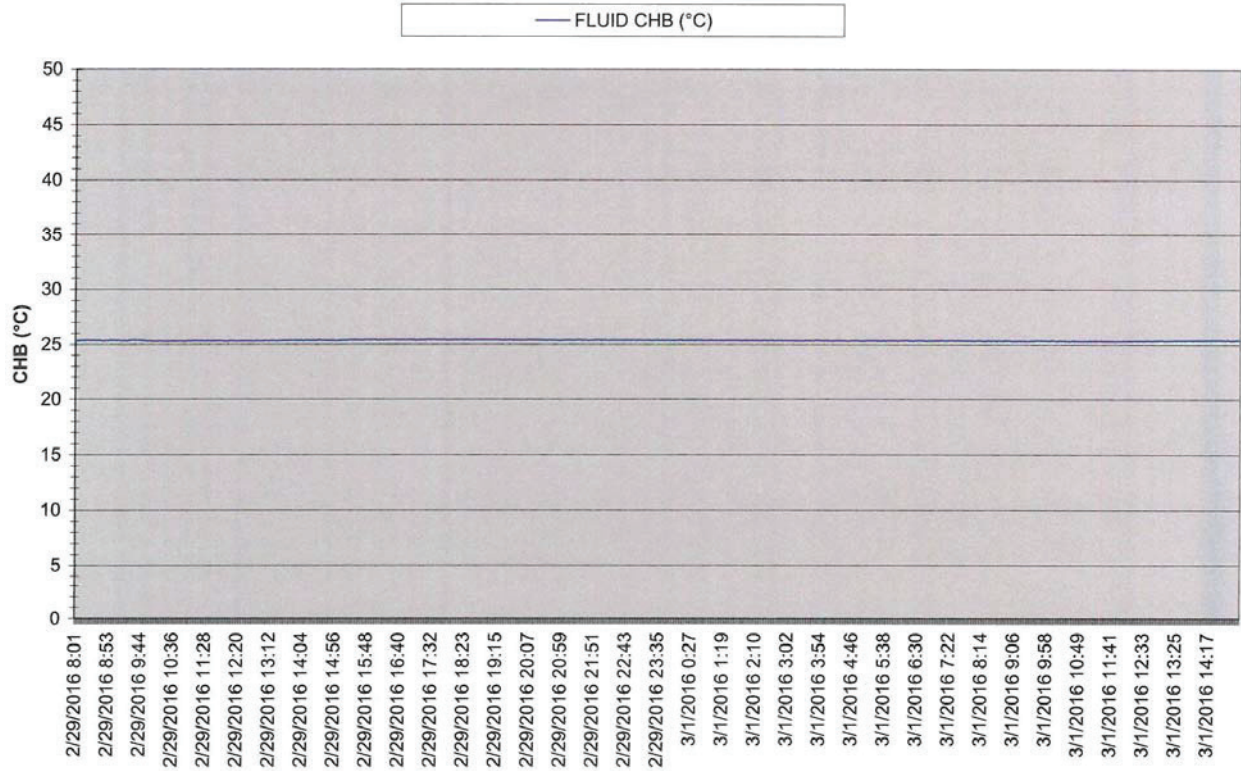
Cathy Rumble,
Quality Coordinator



GENERAL DATA SHEET

CUSTOMER:	Optic Clear	MJO:	PR045037
TEST:	Contamination by Fluids	DATE:	2/29/2016
TEST ITEM:	Placards		
PART NUMBER:	NA	S/N:	0003, 0004, 0005
SPECIFICATION:	OCS-TP-0001	PARA:	3
TECHNICIAN:	Heng Tieng	TEMP:	76°F
ENGINEER:	John Guzman <i>J.G.</i>	RH:	48%
		DEVIATION:	NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>

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

Optic Clear Solutions, PR045037, Contaminates by Fluids




EQUIPMENT LIST

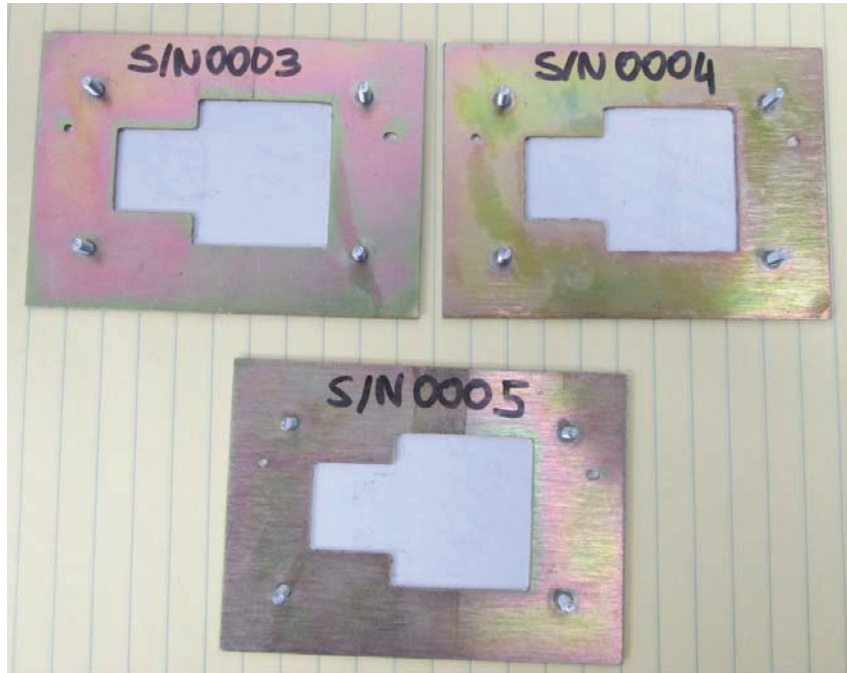
Contamination by Fluids Equipment List

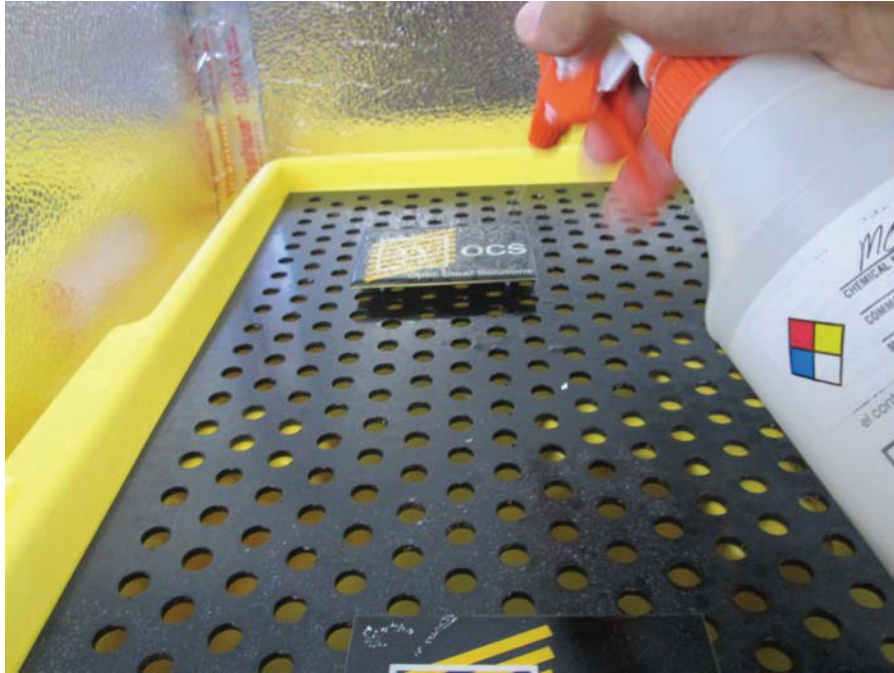
Customer: Optic Clear Solutions

MJO: PR045037

Date: 02/29/16

Control No.	Equipment	Manufacturer	Model No.	Serial No.	Accuracy	Range	Calibration	
							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**



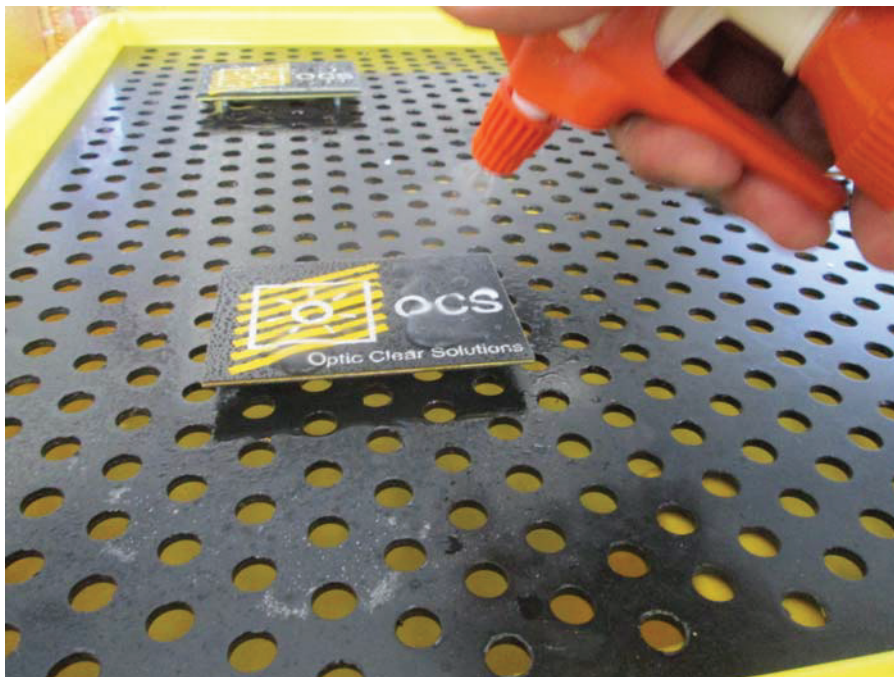
**Contamination by Fluids – Engine Oil
Serial Number 0003**



**Post Fluid Exposure
Serial Number 0003**



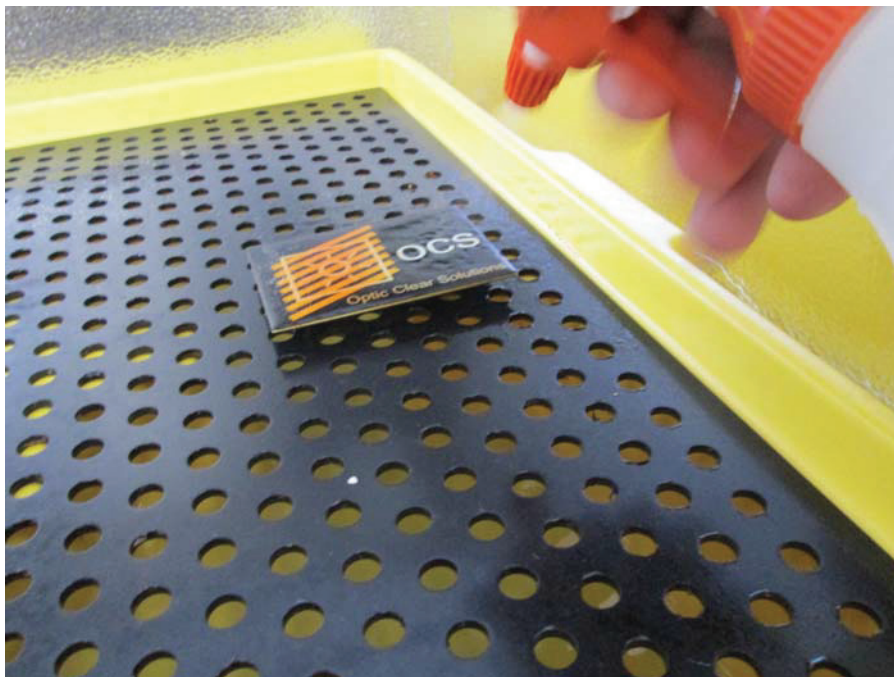
**Contamination by Fluids – Isopropyl Alcohol
Serial Number 0004**



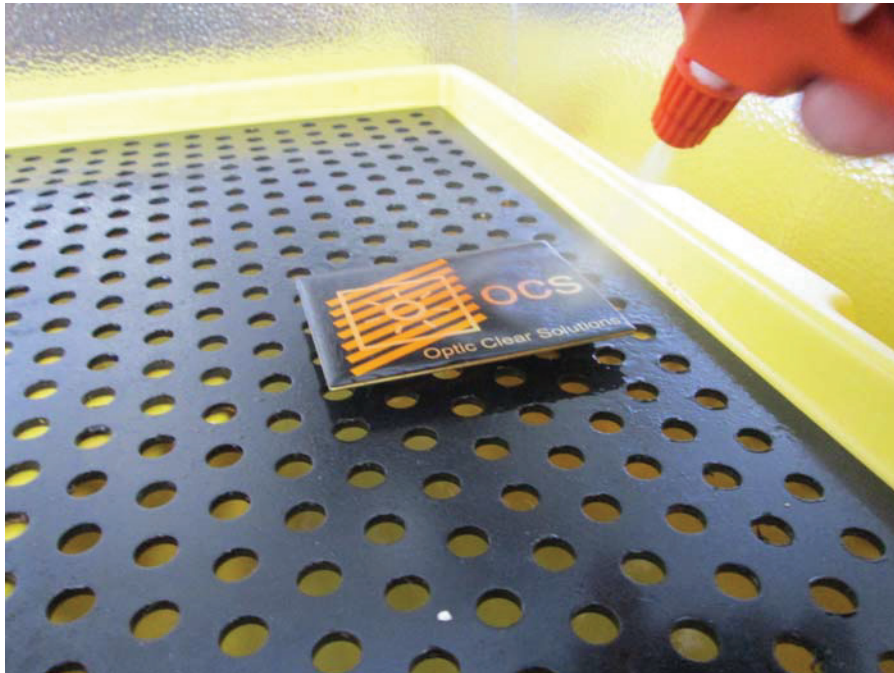
**Contamination by Fluids – Salt Water
Serial Number 0004**



**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**