

EA02-025

**TEXAS INSTRUMENTS,
INC.'S 9/10/03
ATTACHMENT**

REQUEST NO. 7

BOX 8

PART A-U

PART R

Hey, D

From: Rose, Elaine
Sent: Wednesday, March 31, 1999 2:09 PM
To: Hey, Daniel
Cc: Debus, Bryan; Proia, Stephen; McGuirk, Andrew; Flynn, Ruth
Subject: RE: IP-2 TEST FAILURE ANALYSIS

re: send; post humidity # 43-48
regards,
elaine rose
LAL/GATECH
ph. # 608-238-1907
fax # 608-238-2326

From: Rose, Elaine
Sent: Wednesday, March 31, 1999 2:23 PM
To: Hey, Daniel
Cc: Debus, Bryan; Proia, Stephen; McGuirk, Andy; Flynn, Ruth
Subject: IP-2 TEST FAILURE ANALYSIS

In reviewing the post fluid resistance; post impulse & humidity failures, here are the findings:

serial # 538-16-80 (device # 19-30) post impulse fail out:

this test/lab # reserved 11/12/97

#19, 23 & 30 auto pressure test failure of ZPLF, inaccurate reading
#25 low actuation
#28 passed actuation
#29 low actuation
measurement of the base pin & sensors indicate normal wear &/or mispinning

base/contact configuration has since changed since product built: 10/23/97

(produce is 17

>> (device # 43-48) post humidity fail out:

F/A INCONCLUSIVE..

base/contact configuration has since changed since product built: 10/23/97

regards,
elaine rose
LAL/GATECH
ph. # 608-238-1907
fax # 608-238-2326

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

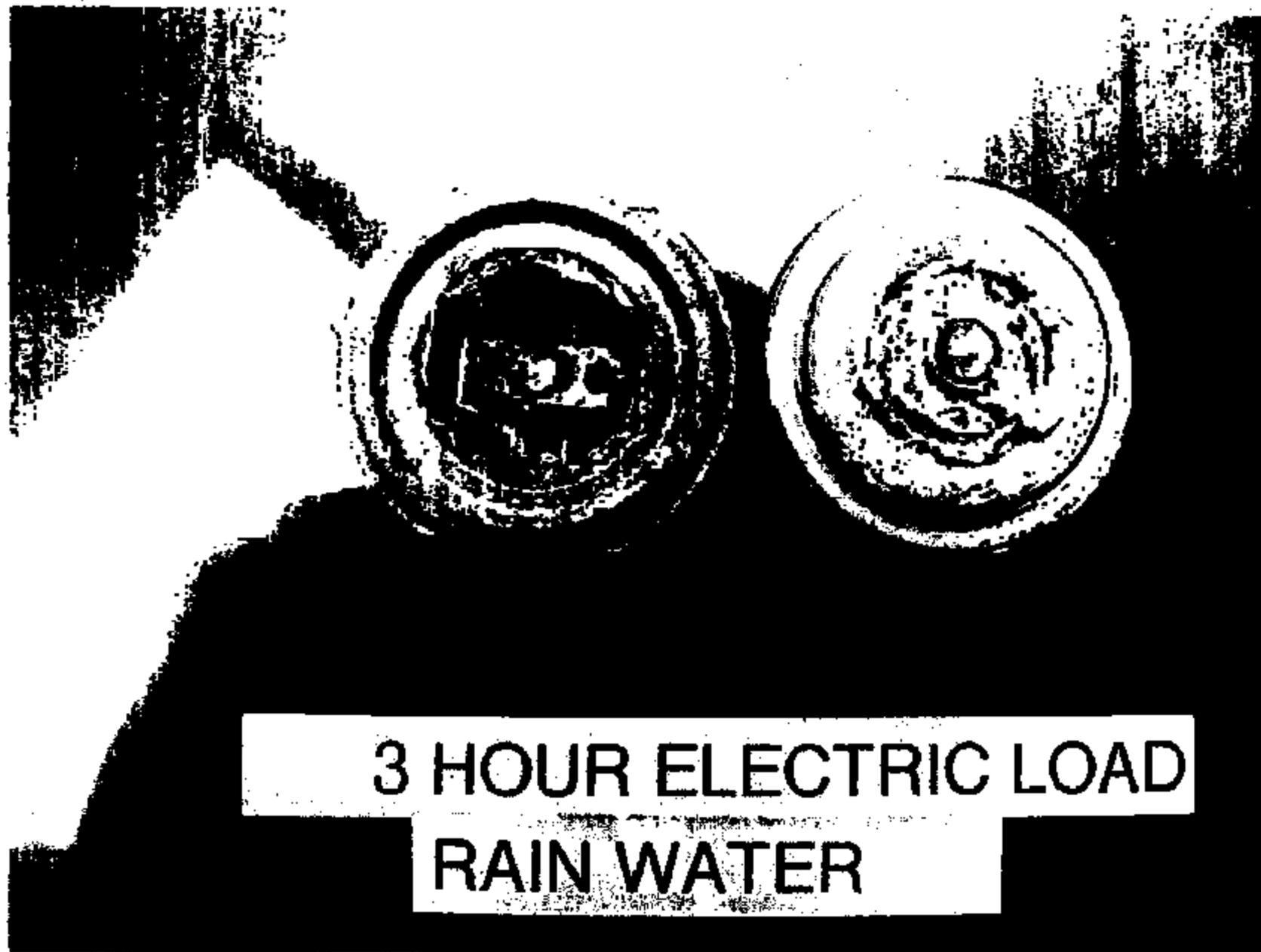
Appendix F

TI-NHTSA 013121



24 HOUR RAIN WATER TEST

TI-NHTSA 013122

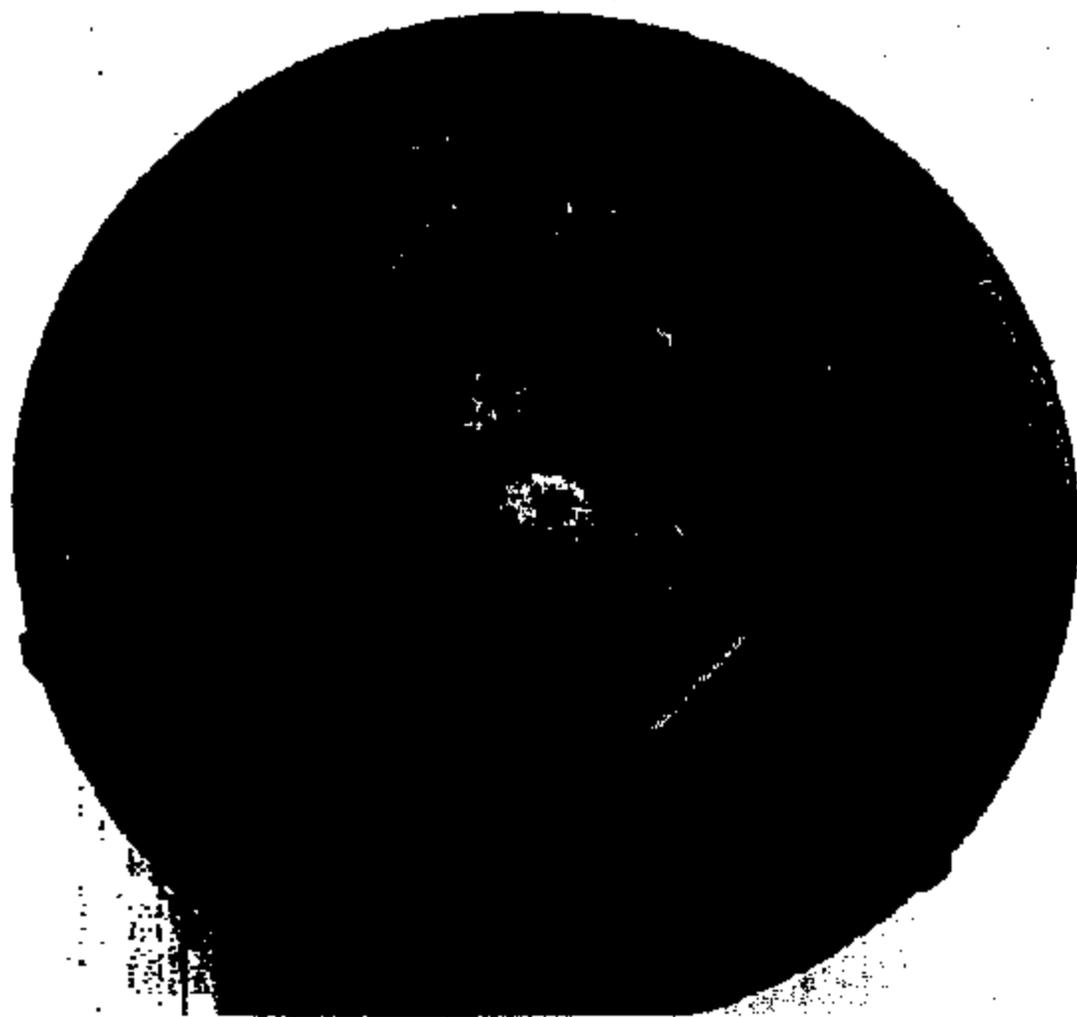


3 HOUR ELECTRIC LOAD
RAIN WATER

TIAMHTBA 013123



TI-NHTSA 013124



TI-NHTSA 013125

Proprietary Information: Attorney-Client Privilege Invoked
PB/99/12 REV A
3/22/99

Appendix E

TI-NHTSA 013126

[The body of the document contains approximately 15 columns of text that are extremely faint and illegible. The text appears to be organized into a structured format, possibly a list or a series of entries, but the specific content cannot be discerned.]

1 00 00 PM	2 00 00 PM	3 00 00 PM	4 00 00 PM	5 00 00 PM	6 00 00 PM	7 00 00 PM	8 00 00 PM	9 00 00 PM	10 00 00 PM	11 00 00 PM	12 00 00 PM	13 00 00 PM	14 00 00 PM	15 00 00 PM	16 00 00 PM	17 00 00 PM	18 00 00 PM	19 00 00 PM	20 00 00 PM	21 00 00 PM	22 00 00 PM	23 00 00 PM	24 00 00 PM	25 00 00 PM	26 00 00 PM	27 00 00 PM	28 00 00 PM	29 00 00 PM	30 00 00 PM	31 00 00 PM	32 00 00 PM	33 00 00 PM	34 00 00 PM	35 00 00 PM	36 00 00 PM	37 00 00 PM	38 00 00 PM	39 00 00 PM	40 00 00 PM	41 00 00 PM	42 00 00 PM	43 00 00 PM	44 00 00 PM	45 00 00 PM	46 00 00 PM	47 00 00 PM	48 00 00 PM	49 00 00 PM	50 00 00 PM	51 00 00 PM	52 00 00 PM	53 00 00 PM	54 00 00 PM	55 00 00 PM	56 00 00 PM	57 00 00 PM	58 00 00 PM	59 00 00 PM	60 00 00 PM	61 00 00 PM	62 00 00 PM	63 00 00 PM	64 00 00 PM	65 00 00 PM	66 00 00 PM	67 00 00 PM	68 00 00 PM	69 00 00 PM	70 00 00 PM	71 00 00 PM	72 00 00 PM	73 00 00 PM	74 00 00 PM	75 00 00 PM	76 00 00 PM	77 00 00 PM	78 00 00 PM	79 00 00 PM	80 00 00 PM	81 00 00 PM	82 00 00 PM	83 00 00 PM	84 00 00 PM	85 00 00 PM	86 00 00 PM	87 00 00 PM	88 00 00 PM	89 00 00 PM	90 00 00 PM	91 00 00 PM	92 00 00 PM	93 00 00 PM	94 00 00 PM	95 00 00 PM	96 00 00 PM	97 00 00 PM	98 00 00 PM	99 00 00 PM	100 00 00 PM
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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in all financial dealings.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the sampling process and the statistical methods employed to interpret the results.

3. The third part of the document provides a comprehensive overview of the findings and conclusions drawn from the data analysis. It highlights the key trends and patterns observed and discusses their implications for the overall study.

4. The fourth part of the document discusses the limitations of the study and suggests areas for future research. It acknowledges the potential biases and errors that may have occurred and offers recommendations to improve the quality of the data and the analysis.

5. The fifth part of the document provides a summary of the main points and a final conclusion. It reiterates the importance of the findings and the need for continued research in this area.

6. The sixth part of the document includes a list of references and a bibliography. It cites the various sources of information used in the study and provides a clear and concise list of the references.

7. The seventh part of the document includes a list of appendices and a table of contents. It provides a clear and concise list of the various sections and subsections of the document and their corresponding page numbers.

8. The eighth part of the document includes a list of figures and a list of tables. It provides a clear and concise list of the various visual aids used in the study and their corresponding page numbers.

9. The ninth part of the document includes a list of abbreviations and a list of symbols. It provides a clear and concise list of the various abbreviations and symbols used in the study and their corresponding meanings.

10. The tenth part of the document includes a list of footnotes and a list of endnotes. It provides a clear and concise list of the various footnotes and endnotes used in the study and their corresponding page numbers.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for ensuring transparency and accountability in financial operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the use of advanced software solutions and manual data entry techniques to ensure the accuracy and reliability of the information.

3. The third part of the document details the process of reviewing and auditing the collected data. It describes how the information is cross-checked against source documents and how any discrepancies are identified and resolved.

4. The fourth part of the document discusses the reporting and communication of the findings. It explains how the results of the data analysis are presented in clear, concise reports that are accessible to all relevant stakeholders.

5. The fifth part of the document provides a summary of the key findings and conclusions. It reiterates the importance of ongoing monitoring and evaluation to ensure that the data remains current and relevant.

6. The sixth part of the document offers recommendations for improving the data collection and analysis process. It suggests implementing new technologies and training staff to enhance the efficiency and effectiveness of the operations.

7. The seventh part of the document concludes with a final statement on the value of data-driven decision-making. It emphasizes that by leveraging the insights gained from the data, the organization can make more informed and strategic choices.

[The page contains approximately 12 columns of extremely faint, illegible text, likely representing a data table or list of records.]

[The page contains approximately 12 lines of text that are extremely faint and illegible. The text appears to be a list or a series of entries, but the specific content cannot be discerned.]

[The page contains approximately 12 lines of extremely faint, illegible text, likely representing a list or a series of entries.]

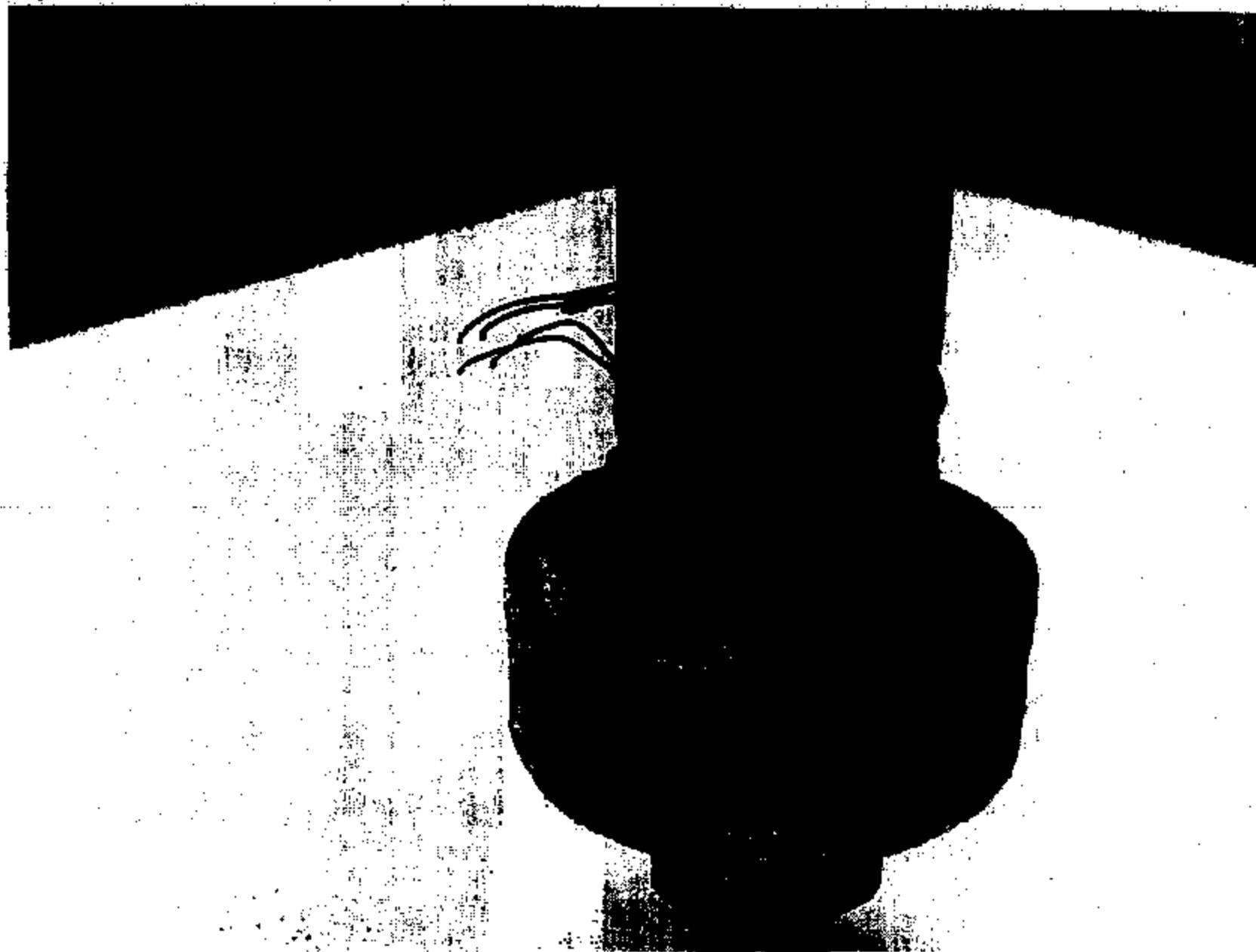
Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix D

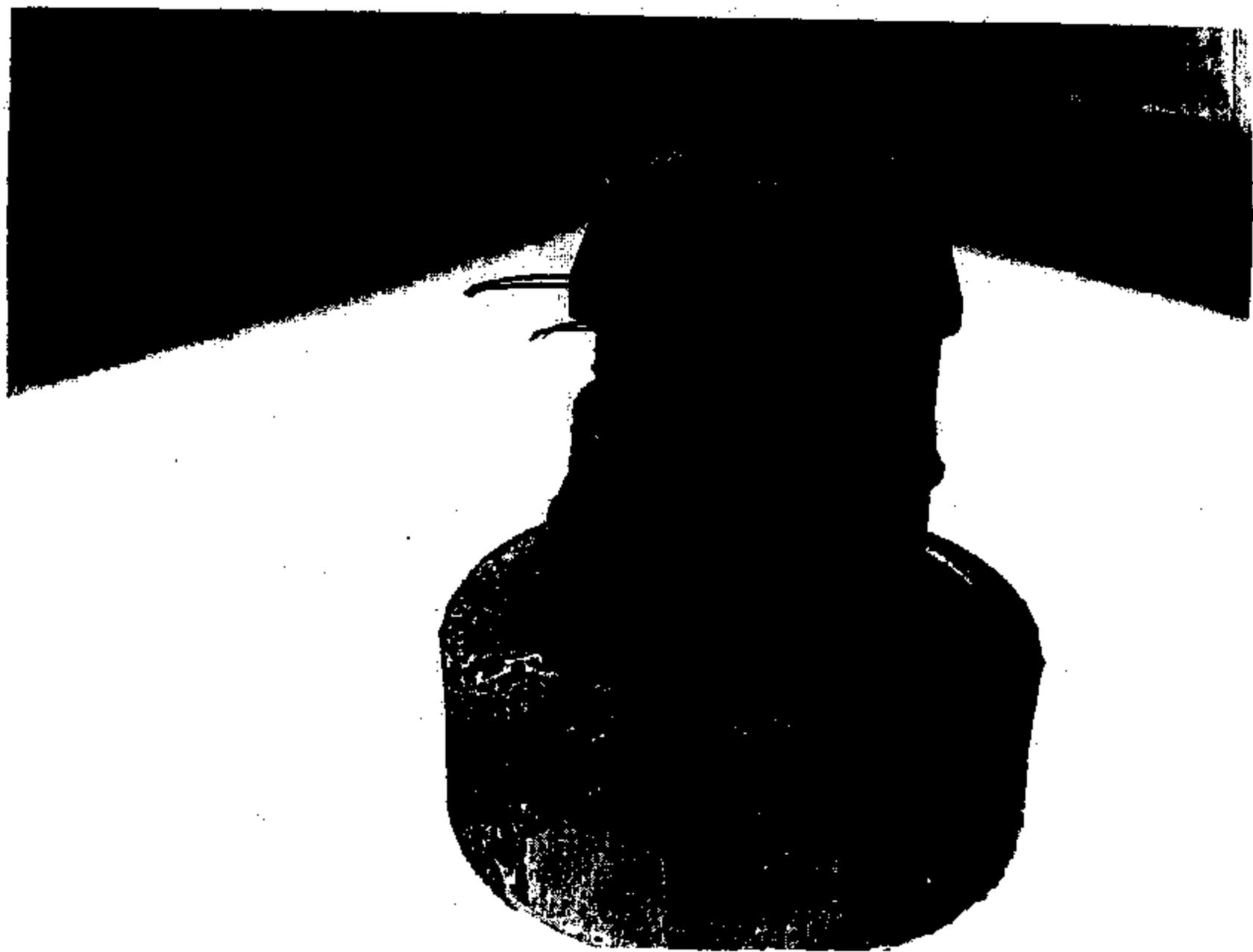
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T-NHTSA 013147

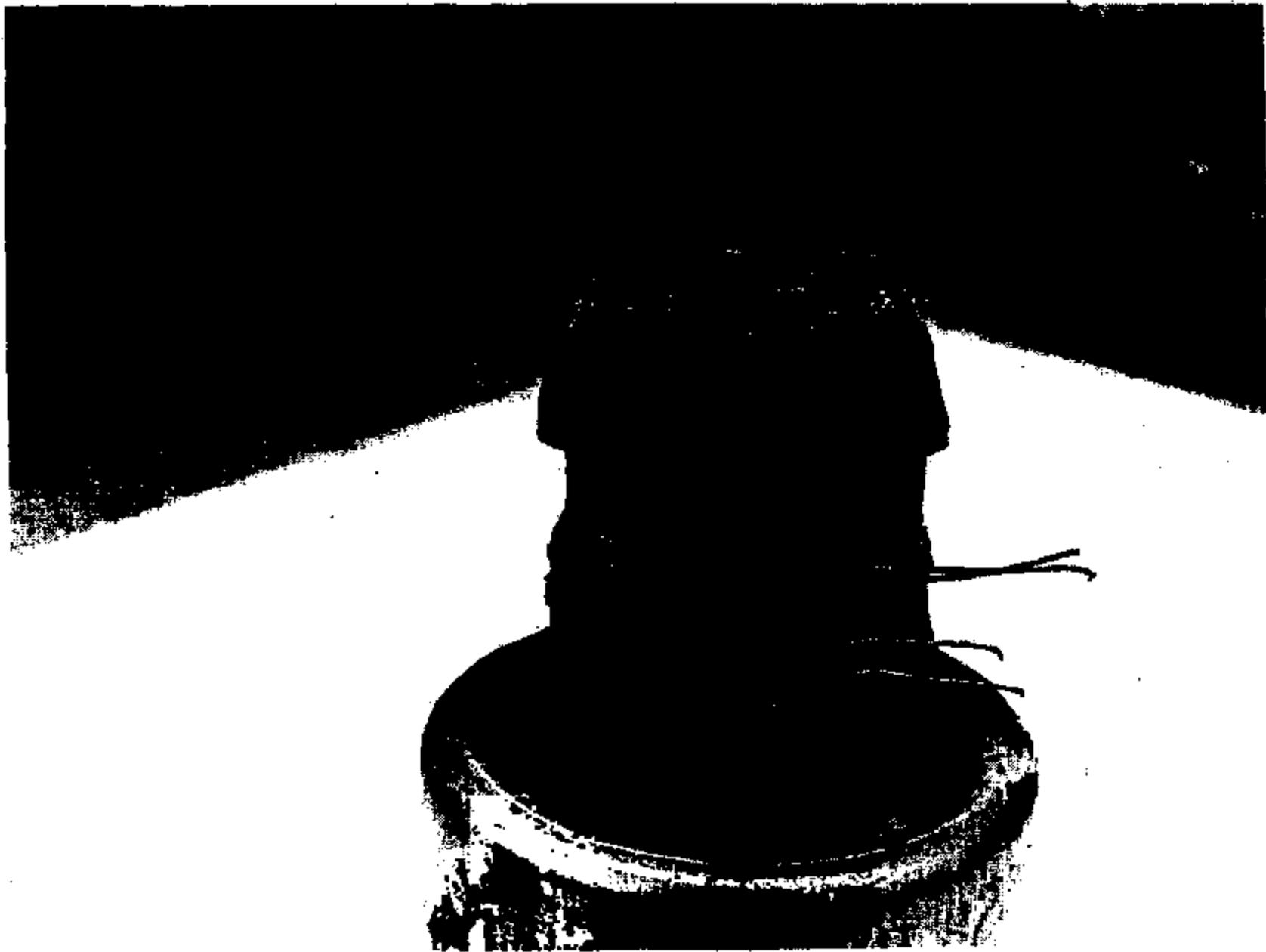


TIAMHTBA 013148



TI-NHTSA 013149





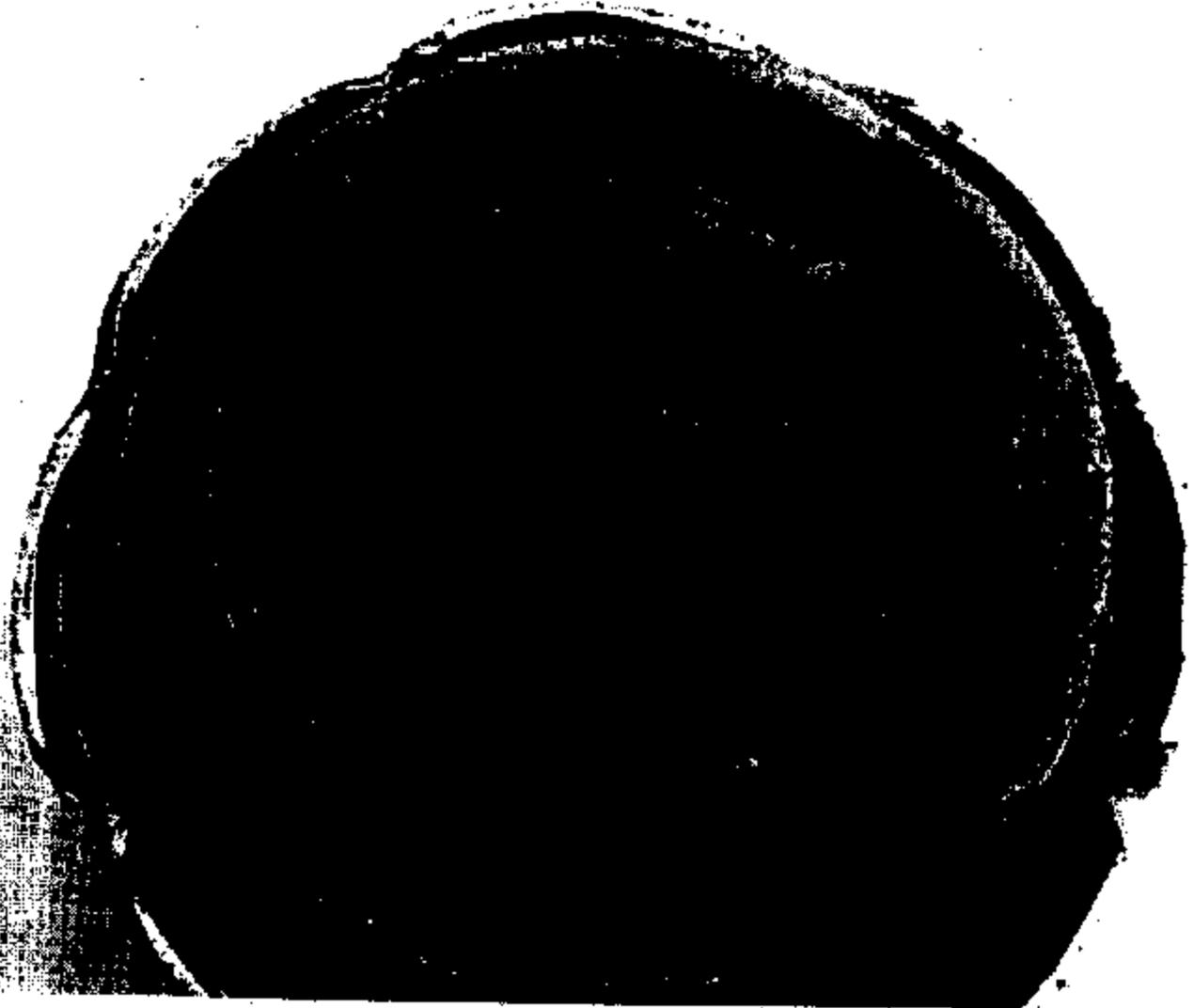
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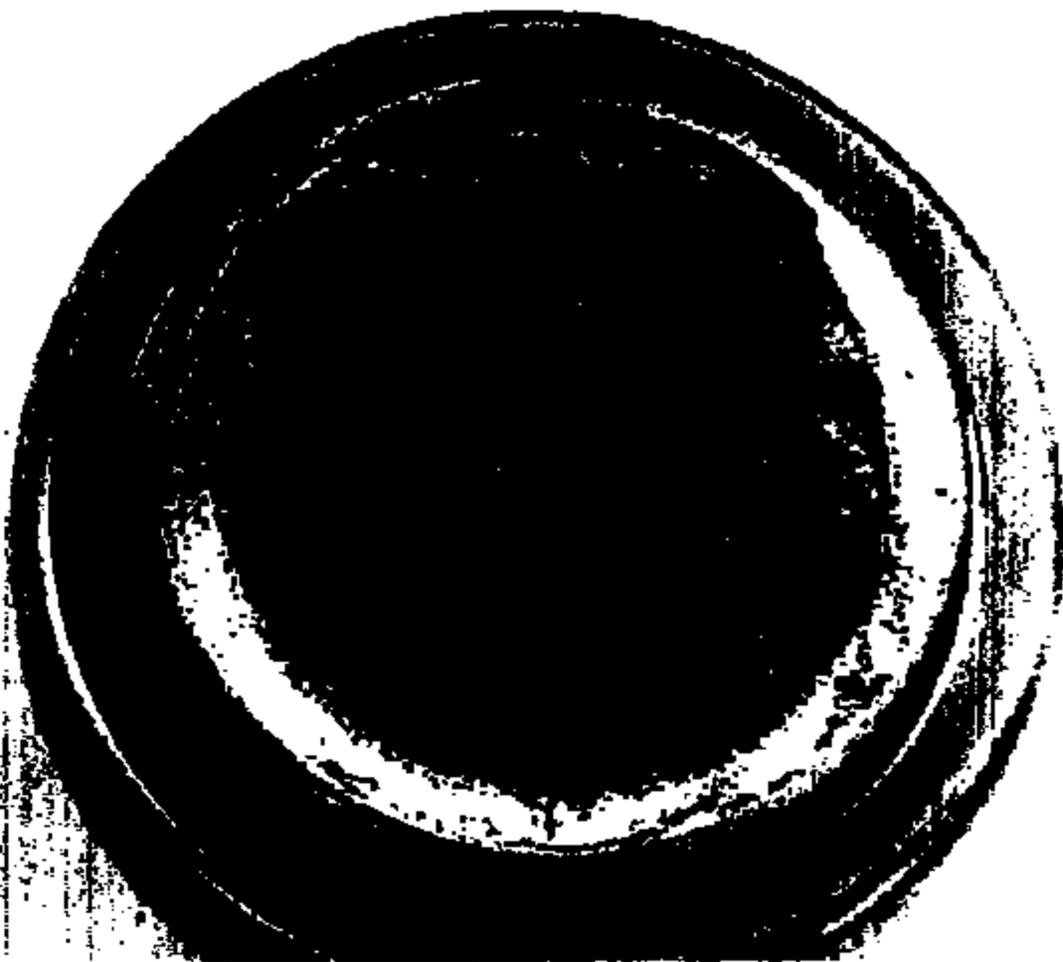
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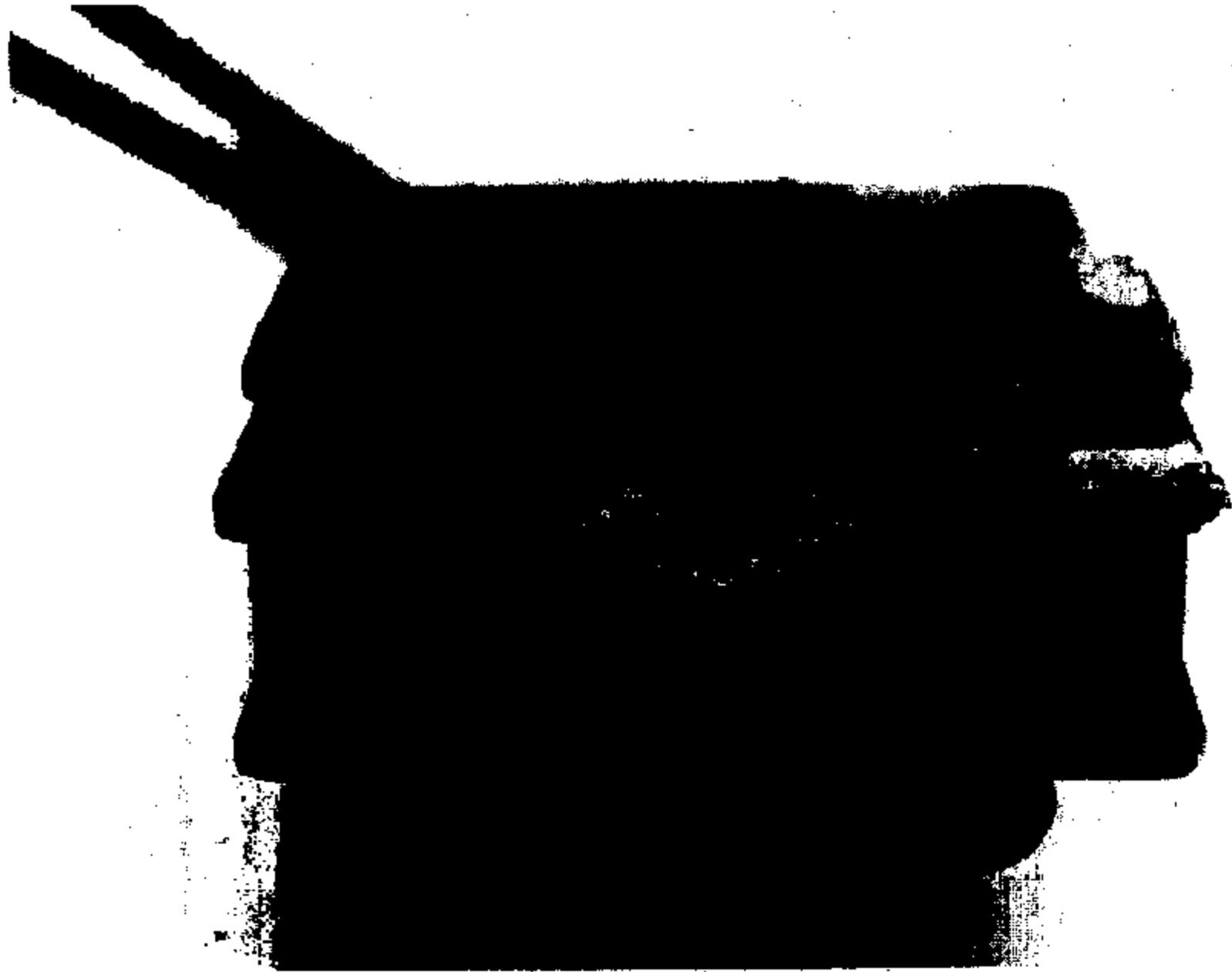
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TI-NHTSA 019164



TI-NHT9A 013155



TI-NHTSA 013156

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Appendix C

TI-NHT8A 013157



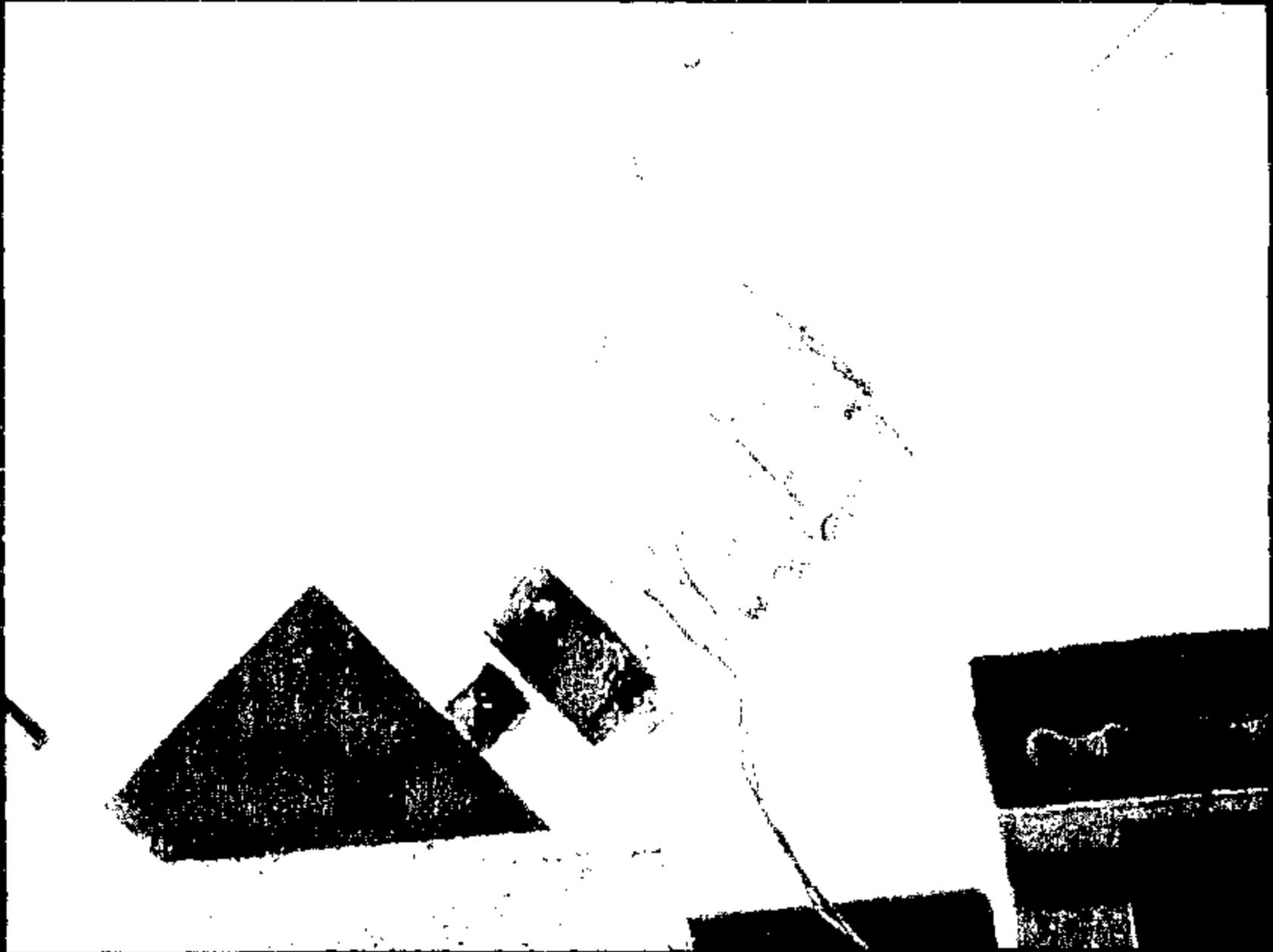
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TI-NHTSA 013188



TI-NHTSA 013160



TIJHTSA 019161



TI-NHTSA 013162



TI-NHTSA 019103

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Appendix B

TI-NHT8A 013164

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11 12:24 AM	4880 02	1.2700	1.4817	0.9800	74.411	12.780	0.9800	88.00	88.00	88.00	1.2700
11 12:25 AM	4884 03	1.2600	1.4733	0.9700	74.348	12.790	0.9700	88.00	88.00	88.00	1.2600
11 12:26 AM	4888 04	1.2500	1.4650	0.9600	74.285	12.800	0.9600	88.00	88.00	88.00	1.2500
11 12:27 AM	4892 05	1.2400	1.4567	0.9500	74.222	12.810	0.9500	88.00	88.00	88.00	1.2400
11 12:28 AM	4896 06	1.2300	1.4483	0.9400	74.159	12.820	0.9400	88.00	88.00	88.00	1.2300
11 12:29 AM	4900 07	1.2200	1.4400	0.9300	74.096	12.830	0.9300	88.00	88.00	88.00	1.2200
11 12:30 AM	4904 08	1.2100	1.4317	0.9200	74.033	12.840	0.9200	88.00	88.00	88.00	1.2100
11 12:31 AM	4908 09	1.2000	1.4233	0.9100	73.970	12.850	0.9100	88.00	88.00	88.00	1.2000
11 12:32 AM	4912 10	1.1900	1.4150	0.9000	73.907	12.860	0.9000	88.00	88.00	88.00	1.1900
11 12:33 AM	4916 11	1.1800	1.4067	0.8900	73.844	12.870	0.8900	88.00	88.00	88.00	1.1800
11 12:34 AM	4920 12	1.1700	1.3983	0.8800	73.781	12.880	0.8800	88.00	88.00	88.00	1.1700
11 12:35 AM	4924 01	1.1600	1.3900	0.8700	73.718	12.890	0.8700	88.00	88.00	88.00	1.1600
11 12:36 AM	4928 02	1.1500	1.3817	0.8600	73.655	12.900	0.8600	88.00	88.00	88.00	1.1500
11 12:37 AM	4932 03	1.1400	1.3733	0.8500	73.592	12.910	0.8500	88.00	88.00	88.00	1.1400
11 12:38 AM	4936 04	1.1300	1.3650	0.8400	73.529	12.920	0.8400	88.00	88.00	88.00	1.1300
11 12:39 AM	4940 05	1.1200	1.3567	0.8300	73.466	12.930	0.8300	88.00	88.00	88.00	1.1200
11 12:40 AM	4944 06	1.1100	1.3483	0.8200	73.403	12.940	0.8200	88.00	88.00	88.00	1.1100
11 12:41 AM	4948 07	1.1000	1.3400	0.8100	73.340	12.950	0.8100	88.00	88.00	88.00	1.1000
11 12:42 AM	4952 08	1.0900	1.3317	0.8000	73.277	12.960	0.8000	88.00	88.00	88.00	1.0900
11 12:43 AM	4956 09	1.0800	1.3233	0.7900	73.214	12.970	0.7900	88.00	88.00	88.00	1.0800
11 12:44 AM	4960 10	1.0700	1.3150	0.7800	73.151	12.980	0.7800	88.00	88.00	88.00	1.0700
11 12:45 AM	4964 11	1.0600	1.3067	0.7700	73.088	12.990	0.7700	88.00	88.00	88.00	1.0600
11 12:46 AM	4968 12	1.0500	1.2983	0.7600	73.025	13.000	0.7600	88.00	88.00	88.00	1.0500
11 12:47 AM	4972 01	1.0400	1.2900	0.7500	72.962	13.010	0.7500	88.00	88.00	88.00	1.0400
11 12:48 AM	4976 02	1.0300	1.2817	0.7400	72.899	13.020	0.7400	88.00	88.00	88.00	1.0300
11 12:49 AM	4980 03	1.0200	1.2733	0.7300	72.836	13.030	0.7300	88.00	88.00	88.00	1.0200
11 12:50 AM	4984 04	1.0100	1.2650	0.7200	72.773	13.040	0.7200	88.00	88.00	88.00	1.0100
11 12:51 AM	4988 05	1.0000	1.2567	0.7100	72.710	13.050	0.7100	88.00	88.00	88.00	1.0000
11 12:52 AM	4992 06	0.9900	1.2483	0.7000	72.647	13.060	0.7000	88.00	88.00	88.00	0.9900
11 12:53 AM	4996 07	0.9800	1.2400	0.6900	72.584	13.070	0.6900	88.00	88.00	88.00	0.9800
11 12:54 AM	5000 08	0.9700	1.2317	0.6800	72.521	13.080	0.6800	88.00	88.00	88.00	0.9700
11 12:55 AM	5004 09	0.9600	1.2233	0.6700	72.458	13.090	0.6700	88.00	88.00	88.00	0.9600
11 12:56 AM	5008 10	0.9500	1.2150	0.6600	72.395	13.100	0.6600	88.00	88.00	88.00	0.9500
11 12:57 AM	5012 11	0.9400	1.2067	0.6500	72.332	13.110	0.6500	88.00	88.00	88.00	0.9400
11 12:58 AM	5016 12	0.9300	1.1983	0.6400	72.269	13.120	0.6400	88.00	88.00	88.00	0.9300
11 12:59 AM	5020 01	0.9200	1.1900	0.6300	72.206	13.130	0.6300	88.00	88.00	88.00	0.9200
11 12:59 AM	5024 02	0.9100	1.1817	0.6200	72.143	13.140	0.6200	88.00	88.00	88.00	0.9100
11 12:59 AM	5028 03	0.9000	1.1733	0.6100	72.080	13.150	0.6100	88.00	88.00	88.00	0.9000
11 12:59 AM	5032 04	0.8900	1.1650	0.6000	72.017	13.160	0.6000	88.00	88.00	88.00	0.8900
11 12:59 AM	5036 05	0.8800	1.1567	0.5900	71.954	13.170	0.5900	88.00	88.00	88.00	0.8800
11 12:59 AM	5040 06	0.8700	1.1483	0.5800	71.891	13.180	0.5800	88.00	88.00	88.00	0.8700
11 12:59 AM	5044 07	0.8600	1.1400	0.5700	71.828	13.190	0.5700	88.00	88.00	88.00	0.8600
11 12:59 AM	5048 08	0.8500	1.1317	0.5600	71.765	13.200	0.5600	88.00	88.00	88.00	0.8500
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11 12:59 AM	5060 11	0.8200	1.1067	0.5300	71.576	13.230	0.5300	88.00	88.00	88.00	0.8200
11 12:59 AM	5064 12	0.8100	1.0983	0.5200	71.513	13.240	0.5200	88.00	88.00	88.00	0.8100
11 12:59 AM	5068 01	0.8000	1.0900	0.5100	71.450	13.250	0.5100	88.00	88.00	88.00	0.8000
11 12:59 AM	5072 02	0.7900	1.0817	0.5000	71.387	13.260	0.5000	88.00	88.00	88.00	0.7900
11 12:59 AM	5076 03	0.7800	1.0733	0.4900	71.324	13.270	0.4900	88.00	88.00	88.00	0.7800
11 12:59 AM	5080 04	0.7700	1.0650	0.4800	71.261	13.280	0.4800	88.00	88.00	88.00	0.7700
11 12:59 AM	5084 05	0.7600	1.0567	0.4700	71.198	13.290	0.4700	88.00	88.00	88.00	0.7600
11 12:59 AM	5088 06	0.7500	1.0483	0.4600	71.135	13.300	0.4600	88.00	88.00	88.00	0.7500
11 12:59 AM	5092 07	0.7400	1.0400	0.4500	71.072	13.310	0.4500	88.00	88.00	88.00	0.7400
11 12:59 AM	5096 08	0.7300	1.0317	0.4400	71.009	13.320	0.4400	88.00	88.00	88.00	0.7300
11 12:59 AM	5100 09	0.7200	1.0233	0.4300	70.946	13.330	0.4300	88.00	88.00	88.00	0.7200
11 12:59 AM	5104 10	0.7100	1.0150	0.4200	70.883	13.340	0.4200	88.00	88.00	88.00	0.7100
11 12:59 AM	5108 11	0.7000	1.0067	0.4100	70.820	13.350	0.4100	88.00	88.00	88.00	0.7000
11 12:59 AM	5112 12	0.6900	0.9983	0.4000	70.757	13.360	0.4000	88.00	88.00	88.00	0.6900
11 12:59 AM	5116 01	0.6800	0.9900	0.3900	70.694	13.370	0.3900	88.00	88.00	88.00	0.6800
11 12:59 AM	5120 02	0.6700	0.9817	0.3800	70.631	13.380	0.3800	88.00	88.00	88.00	0.6700
11 12:59 AM	5124 03	0.6600	0.9733	0.3700	70.568	13.390	0.3700	88.00	88.00	88.00	0.6600
11 12:59 AM	5128 04	0.6500	0.9650	0.3600	70.505	13.400	0.3600	88.00	88.00	88.00	0.6500
11 12:59 AM	5132 05	0.6400	0.9567	0.3500	70.442	13.410	0.3500	88.00	88.00	88.00	0.6400
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11 12:59 AM	5140 07	0.6200	0.9400	0.3300	70.316	13.430	0.3300	88.00	88.00	88.00	0.6200
11 12:59 AM	5144 08	0.6100	0.9317	0.3200	70.253	13.440	0.3200	88.00	88.00	88.00	0.6100
11 12:59 AM	5148 09	0.6000	0.9233	0.3100	70.190	13.450	0.3100	88.00	88.00	88.00	0.6000
11 12:59 AM	5152 10	0.5900	0.9150	0.3000	70.127	13.460	0.3000	88.00	88.00	88.00	0.5900
11 12:59 AM	5156 11	0.5800	0.9067	0.2900	70.064	13.470	0.2900	88.00	88.00	88.00	0.5800
11 12:59 AM	5160 12	0.5700	0.8983	0.2800	70.001	13.480	0.2800	88.00	88.00	88.00	0.5700
11 12:59 AM	5164 01	0.5600	0.8900	0.2700	69.938	13.490	0.2700	88.00	88.00	88.00	0.5600
11 12:59 AM	5168 02	0.5500	0.8817	0.2600	69.875	13.500	0.2600	88.00	88.00	88.00	0.5500
11 12:59 AM	5172 03	0.5400	0.8733	0.2500	69.812	13.510	0.2500	88.00	88.00	88.00	0.5400
11 12:59 AM	5176 04	0.5300	0.8650	0.2400	69.749	13.520	0.2400	88.00	88.00	88.00	0.5300
11 12:59 AM	5180 05	0.5200	0.8567	0.2300	69.686	13.530	0.2300	88.00	88.00	88.00	0.5200
11 12:59 AM	5184 06	0.5100	0.8483	0.2200	69.623	13.540	0.2200	88.00	88.00	88.00	0.5100
11 12:59 AM	5188 07	0.5000	0.8400	0.2100	69.560	13.550	0.2100	88.00	88.00	88.00	0.5000
11 12:59 AM	5192 08	0.4900	0.8317	0.2000	69.497	13.560	0.2000	88.00	88.00	88.00	0.4900
11 12:59 AM	5196 09	0.4800	0.8233	0.1900	69.434	13.570	0.1900	88.00	88.00	88.00	0.4800
11 12:59 AM	5200 10	0.4700	0.8150	0.1800	69.371	13.580	0.1800	88.00	88.00	88.00	0.4700
11 12:59 AM	5204 11	0.4600	0.8067	0.1700	69.308	13.590	0.1700	88.00	88.00	88.00	0.4600
11 12:59 AM	5208 12	0.4500	0.7983	0.1600	69.245	13.600	0.1600	88.00	88.00	88.00	0.4500
11 12:59 AM	5212 01	0.4400	0.7900	0.1500	69.182	13.610	0.1500	88.00	88.00	88.00	0.4400
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11 12:59 AM	5220 03	0.4200	0.7733	0.1300	69.056	13.630	0.1300	88.00	88.00	88.00	0.4200
11 12:59 AM	5224 04	0.4100	0.7650	0.1200	68.993	13.640	0.1200	88.00	88.00	88.00	0.4100
11 12:59 AM	5228 05	0.4000	0.7567	0.1100	68.930	13.650	0.1100	88.00	88.00	88.00	0.4000
11 12:59 AM	5232 06										

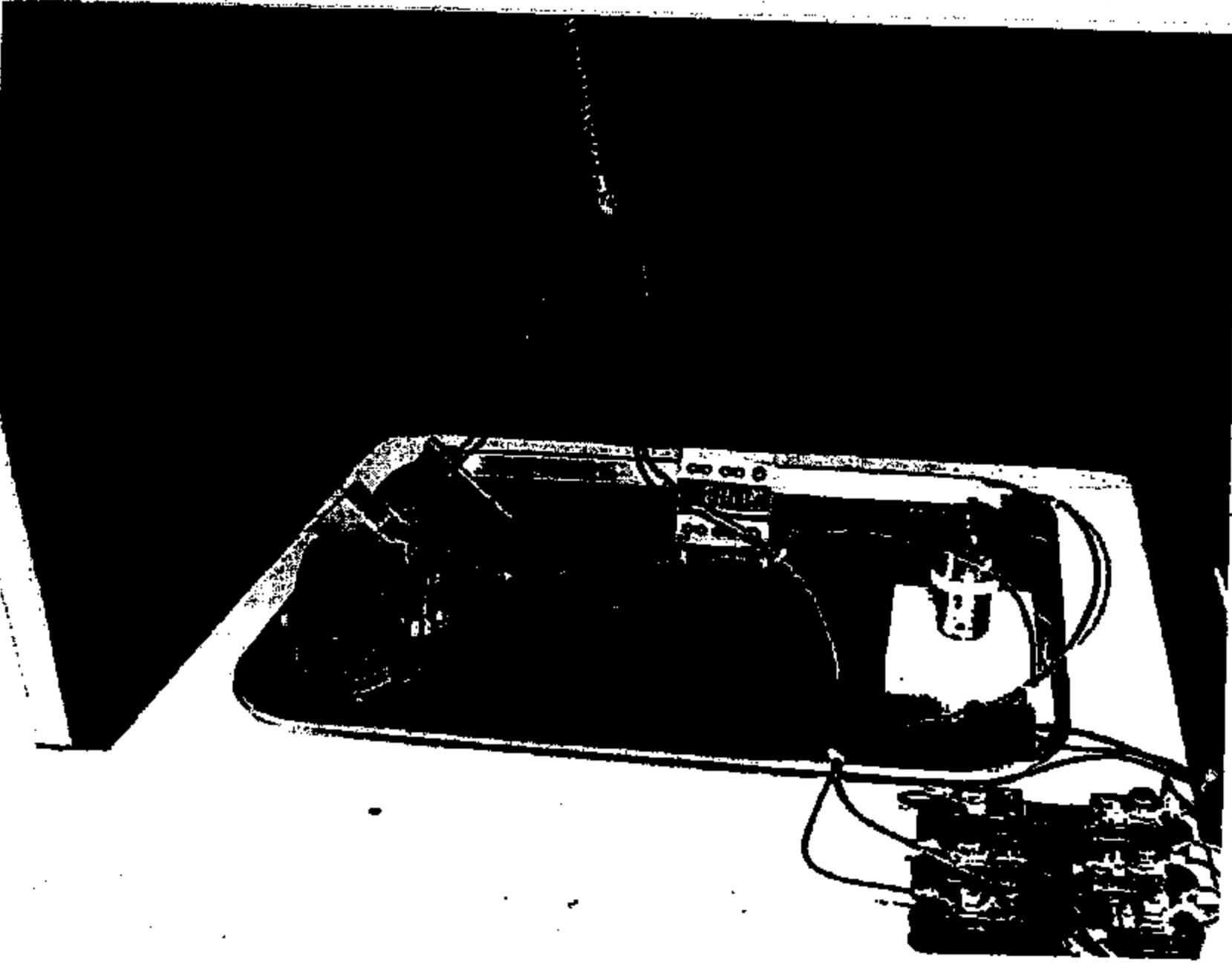
FD-503 (Rev. 1-25-60)

11 20 42 AM	0 0044	0 0071	0 0099	14 44	14 44	0 00	00 00	70 00	70 00	0 0071
11 20 47 AM	0 0047	0 0074	0 0102	14 47	14 47	0 00	00 00	70 00	70 00	0 0074
11 20 52 AM	0 0050	0 0077	0 0105	14 50	14 50	0 00	00 00	70 00	70 00	0 0077
11 20 57 AM	0 0053	0 0080	0 0108	14 53	14 53	0 00	00 00	70 00	70 00	0 0080
11 21 02 AM	0 0056	0 0083	0 0111	14 56	14 56	0 00	00 00	70 00	70 00	0 0083
11 21 07 AM	0 0059	0 0086	0 0114	14 59	14 59	0 00	00 00	70 00	70 00	0 0086
11 21 12 AM	0 0062	0 0089	0 0117	15 02	15 02	0 00	00 00	70 00	70 00	0 0089
11 21 17 AM	0 0065	0 0092	0 0120	15 05	15 05	0 00	00 00	70 00	70 00	0 0092
11 21 22 AM	0 0068	0 0095	0 0123	15 08	15 08	0 00	00 00	70 00	70 00	0 0095
11 21 27 AM	0 0071	0 0098	0 0126	15 11	15 11	0 00	00 00	70 00	70 00	0 0098
11 21 32 AM	0 0074	0 0101	0 0129	15 14	15 14	0 00	00 00	70 00	70 00	0 0101
11 21 37 AM	0 0077	0 0104	0 0132	15 17	15 17	0 00	00 00	70 00	70 00	0 0104
11 21 42 AM	0 0080	0 0107	0 0135	15 20	15 20	0 00	00 00	70 00	70 00	0 0107
11 21 47 AM	0 0083	0 0110	0 0138	15 23	15 23	0 00	00 00	70 00	70 00	0 0110
11 21 52 AM	0 0086	0 0113	0 0141	15 26	15 26	0 00	00 00	70 00	70 00	0 0113
11 21 57 AM	0 0089	0 0116	0 0144	15 29	15 29	0 00	00 00	70 00	70 00	0 0116
11 22 02 AM	0 0092	0 0119	0 0147	15 32	15 32	0 00	00 00	70 00	70 00	0 0119
11 22 07 AM	0 0095	0 0122	0 0150	15 35	15 35	0 00	00 00	70 00	70 00	0 0122
11 22 12 AM	0 0098	0 0125	0 0153	15 38	15 38	0 00	00 00	70 00	70 00	0 0125
11 22 17 AM	0 0101	0 0128	0 0156	15 41	15 41	0 00	00 00	70 00	70 00	0 0128
11 22 22 AM	0 0104	0 0131	0 0159	15 44	15 44	0 00	00 00	70 00	70 00	0 0131
11 22 27 AM	0 0107	0 0134	0 0162	15 47	15 47	0 00	00 00	70 00	70 00	0 0134
11 22 32 AM	0 0110	0 0137	0 0165	15 50	15 50	0 00	00 00	70 00	70 00	0 0137
11 22 37 AM	0 0113	0 0140	0 0168	15 53	15 53	0 00	00 00	70 00	70 00	0 0140
11 22 42 AM	0 0116	0 0143	0 0171	15 56	15 56	0 00	00 00	70 00	70 00	0 0143
11 22 47 AM	0 0119	0 0146	0 0174	15 59	15 59	0 00	00 00	70 00	70 00	0 0146
11 22 52 AM	0 0122	0 0149	0 0177	16 02	16 02	0 00	00 00	70 00	70 00	0 0149
11 22 57 AM	0 0125	0 0152	0 0180	16 05	16 05	0 00	00 00	70 00	70 00	0 0152
11 23 02 AM	0 0128	0 0155	0 0183	16 08	16 08	0 00	00 00	70 00	70 00	0 0155
11 23 07 AM	0 0131	0 0158	0 0186	16 11	16 11	0 00	00 00	70 00	70 00	0 0158
11 23 12 AM	0 0134	0 0161	0 0189	16 14	16 14	0 00	00 00	70 00	70 00	0 0161
11 23 17 AM	0 0137	0 0164	0 0192	16 17	16 17	0 00	00 00	70 00	70 00	0 0164
11 23 22 AM	0 0140	0 0167	0 0195	16 20	16 20	0 00	00 00	70 00	70 00	0 0167
11 23 27 AM	0 0143	0 0170	0 0198	16 23	16 23	0 00	00 00	70 00	70 00	0 0170
11 23 32 AM	0 0146	0 0173	0 0201	16 26	16 26	0 00	00 00	70 00	70 00	0 0173
11 23 37 AM	0 0149	0 0176	0 0204	16 29	16 29	0 00	00 00	70 00	70 00	0 0176
11 23 42 AM	0 0152	0 0179	0 0207	16 32	16 32	0 00	00 00	70 00	70 00	0 0179
11 23 47 AM	0 0155	0 0182	0 0210	16 35	16 35	0 00	00 00	70 00	70 00	0 0182
11 23 52 AM	0 0158	0 0185	0 0213	16 38	16 38	0 00	00 00	70 00	70 00	0 0185
11 23 57 AM	0 0161	0 0188	0 0216	16 41	16 41	0 00	00 00	70 00	70 00	0 0188
11 24 02 AM	0 0164	0 0191	0 0219	16 44	16 44	0 00	00 00	70 00	70 00	0 0191
11 24 07 AM	0 0167	0 0194	0 0222	16 47	16 47	0 00	00 00	70 00	70 00	0 0194
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11 24 22 AM	0 0176	0 0203	0 0231	16 56	16 56	0 00	00 00	70 00	70 00	0 0203
11 24 27 AM	0 0179	0 0206	0 0234	16 59	16 59	0 00	00 00	70 00	70 00	0 0206
11 24 32 AM	0 0182	0 0209	0 0237	17 02	17 02	0 00	00 00	70 00	70 00	0 0209
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11 25 02 AM	0 0200	0 0227	0 0255	17 20	17 20	0 00	00 00	70 00	70 00	0 0227
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11 25 12 AM	0 0206	0 0233	0 0261	17 26	17 26	0 00	00 00	70 00	70 00	0 0233
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11 25 22 AM	0 0212	0 0239	0 0267	17 32	17 32	0 00	00 00	70 00	70 00	0 0239
11 25 27 AM	0 0215	0 0242	0 0270	17 35	17 35	0 00	00 00	70 00	70 00	0 0242
11 25 32 AM	0 0218	0 0245	0 0273	17 38	17 38	0 00	00 00	70 00	70 00	0 0245
11 25 37 AM	0 0221	0 0248	0 0276	17 41	17 41	0 00	00 00	70 00	70 00	0 0248
11 25 42 AM	0 0224	0 0251	0 0279	17 44	17 44	0 00	00 00	70 00	70 00	0 0251
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11 25 52 AM	0 0230	0 0257	0 0285	17 50	17 50	0 00	00 00	70 00	70 00	0 0257
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11 26 02 AM	0 0236	0 0263	0 0291	17 56	17 56	0 00	00 00	70 00	70 00	0 0263
11 26 07 AM	0 0239	0 0266	0 0294	17 59	17 59	0 00	00 00	70 00	70 00	0 0266
11 26 12 AM	0 0242	0 0269	0 0297	18 02	18 02	0 00	00 00	70 00	70 00	0 0269
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11 26 32 AM	0 0254	0 0281	0 0309	18 14	18 14	0 00	00 00	70 00	70 00	0 0281
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11 26 42 AM	0 0260	0 0287	0 0315	18 20	18 20	0 00	00 00	70 00	70 00	0 0287
11 26 47 AM	0 0263	0 0290	0 0318	18 23	18 23	0 00	00 00	70 00	70 00	0 0290
11 26 52 AM	0 0266	0 0293	0 0321	18 26	18 26	0 00	00 00	70 00	70 00	0 0293
11 26 57 AM	0 0269	0 0296	0 0324	18 29	18 29	0 00	00 00	70 00	70 00	0 0296
11 27 02 AM	0 0272	0 0299	0 0327	18 32	18 32	0 00	00 00	70 00	70 00	0 0299
11 27 07 AM	0 0275	0 0302	0 0330	18 35	18 35	0 00	00 00	70 00	70 00	0 0302
11 27 12 AM	0 0278	0 0305	0 0333	18 38	18 38	0 00	00 00	70 00	70 00	0 0305
11 27 17 AM	0 0281	0 0308	0 0336	18 41	18 41	0 00	00 00	70 00	70 00	0 0308
11 27 22 AM	0 0284	0 0311	0 0339	18 44	18 44	0 00	00 00	70 00	70 00	0 0311
11 27 27 AM	0 0287	0 0314	0 0342	18 47	18 47	0 00	00 00	70 00	70 00	0 0314
11 27 32 AM	0 0290	0 0317	0 0345	18 50	18 50	0 00	00 00	70 00	70 00	0 0317
11 27 37 AM	0 0293	0 0320	0 0348	18 53	18 53	0 00	00 00	70 00	70 00	0 0320
11 27 42 AM	0 0296	0 0323	0 0351	18 56	18 56	0 00	00 00	70 00	70 00	0 0323
11 27 47 AM	0 0299	0 0326	0 0354	18 59	18 59	0 00	00 00	70 00	70 00	0 0326
11 27 52 AM	0 0302	0 0329	0 0357	19 02	19 02	0 00	00 00	70 00	70 00	0 0329
11 27 57 AM	0 0305	0 0332	0 0360	19 05	19 05	0 00	00 00	70 00	70 00	0 0332
11 28 02 AM	0 0308	0 0335	0 0363	19 08	19 08	0 00	00 00	70 00	70 00	0 0335
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11 28 12 AM	0 0314	0 0341	0 0369	19 14	19 14	0 00	00 00	70 00	70 00	0 0341
11 28 17 AM	0 0317	0 0344	0 0372	19 17	19 17	0 00	00 00	70 00	70 00	0 0344
11 28 22 AM	0 0320	0 0347	0 0375	19 20	19 20	0 00	00 00	70 00	70 00	0 0347
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11 28 32 AM	0 0326	0 0353	0 0381	19 26	19 26	0 00	00 00	70 00	70 00	0 0353
11 28 37 AM	0 0329	0 0356	0 0384	19 29	19 29	0 00	00 00	70 00	70 00	0 0356
11 28 42 AM	0 0332	0 0359	0 0387	19 32	19 32	0 00	00 00	70 00	70 00	0 0359
11 28 47 AM	0 0335	0 0362	0 0390	19 35	19 35	0 00	00 00	70 00	70 00	0 0362
11 28 52 AM	0 0338	0 0365	0 0393	19 38	19 38	0 00	00 00	70 00	70 00	0 0365
11 28 57 AM	0 0341	0 0368	0 0396	19 41	19 41	0 00	00 00	70 00	70 00	0 0368
11 29 02 AM	0 0344	0 0371	0 0399	19 44	19 44	0 00	00 00	70 00	70 00	0 0371
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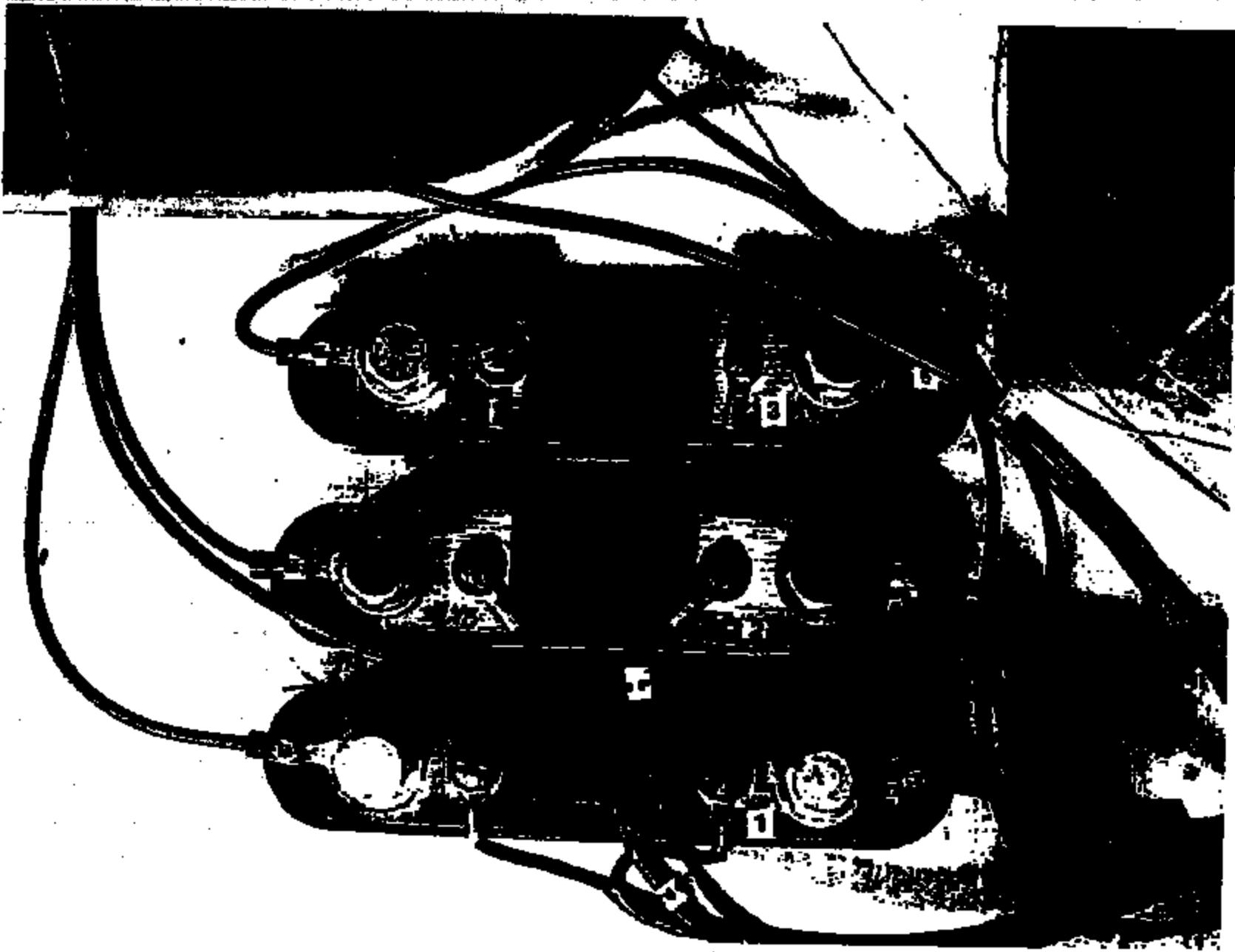
Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix A

TI-NHTSA 013182



TI-NHTSA 013183



TI-NHTSA 013184

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix G

TI-NHTSA 013185

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix H

TI-NHTSA 013186

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix I

TI-NHTSA 013187

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix J

TI-NHTSA 013188

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix K

TI-NHTSA 013189

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/22/99

Appendix L

TI-NHTSA 013190

Proprietary Information: Attorney-Client Privilege Invoked
P5/99/12 REV A
3/22/99

Appendix M

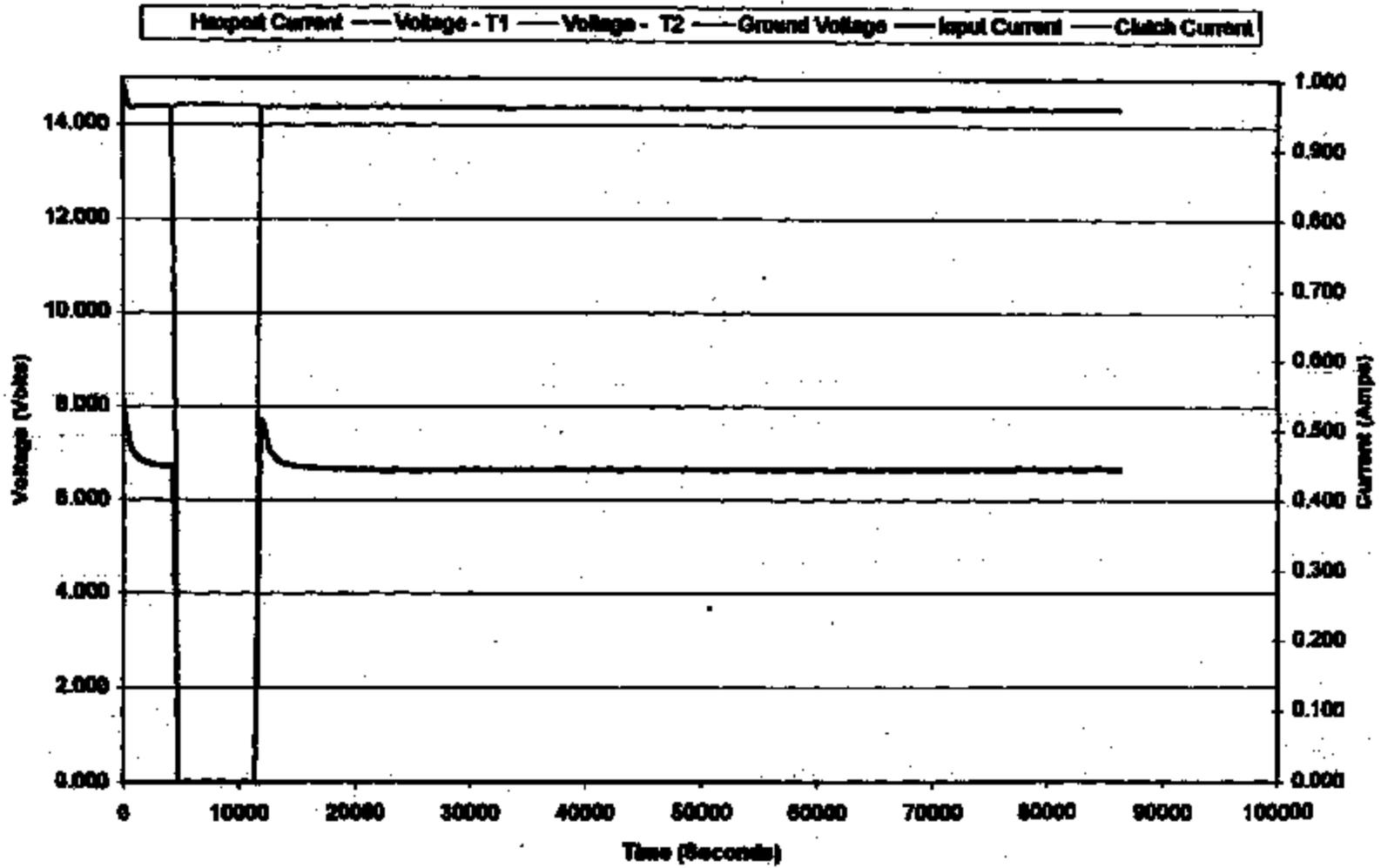
TI-NHTSA 013191

Proprietary Information: Attorney-Client Privilege Invoked
PS/99/12 REV A
3/21/99

Appendix N

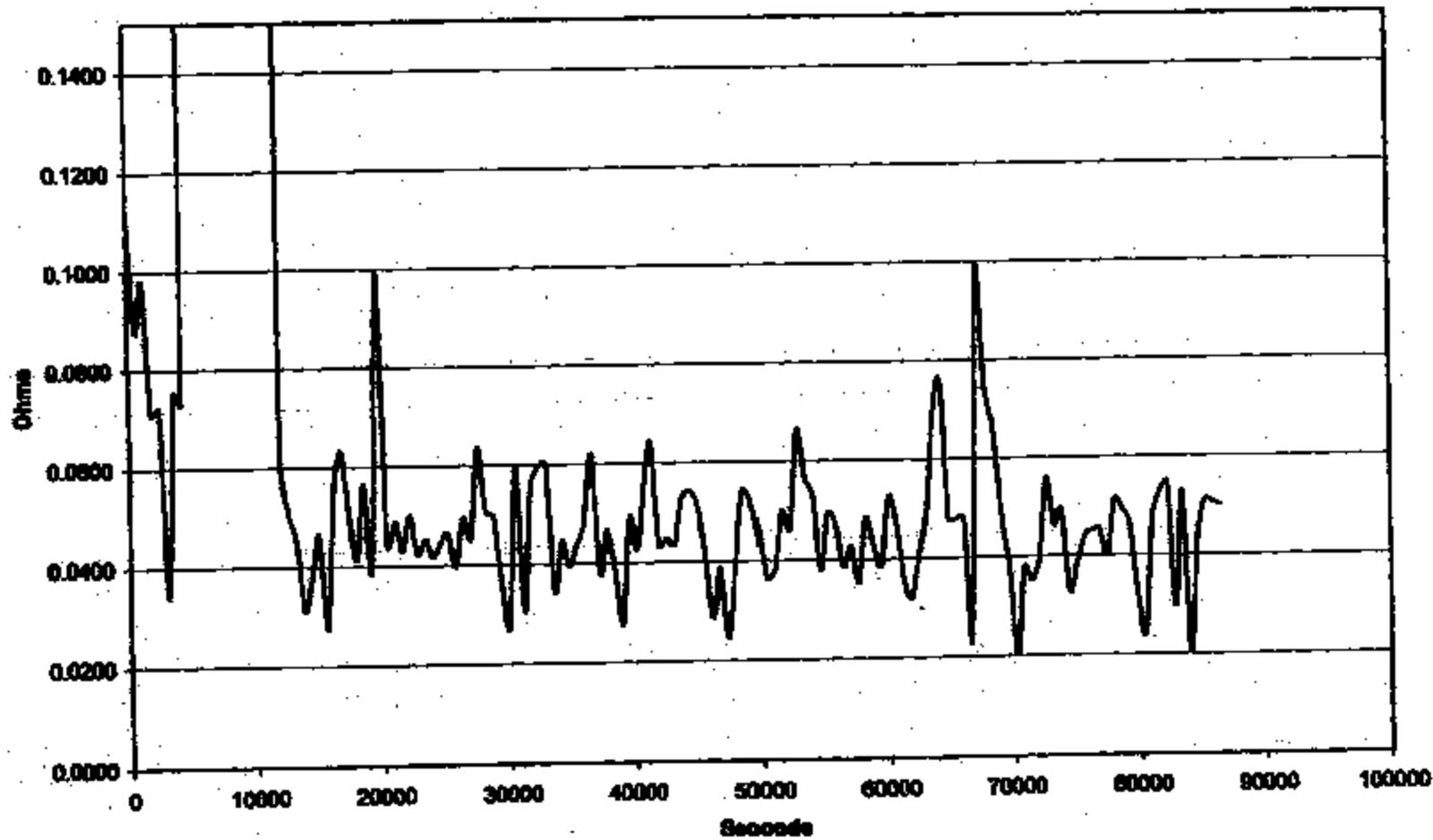
TI-NHTSA 013192

Used Brake Fluid Ingress Experiment



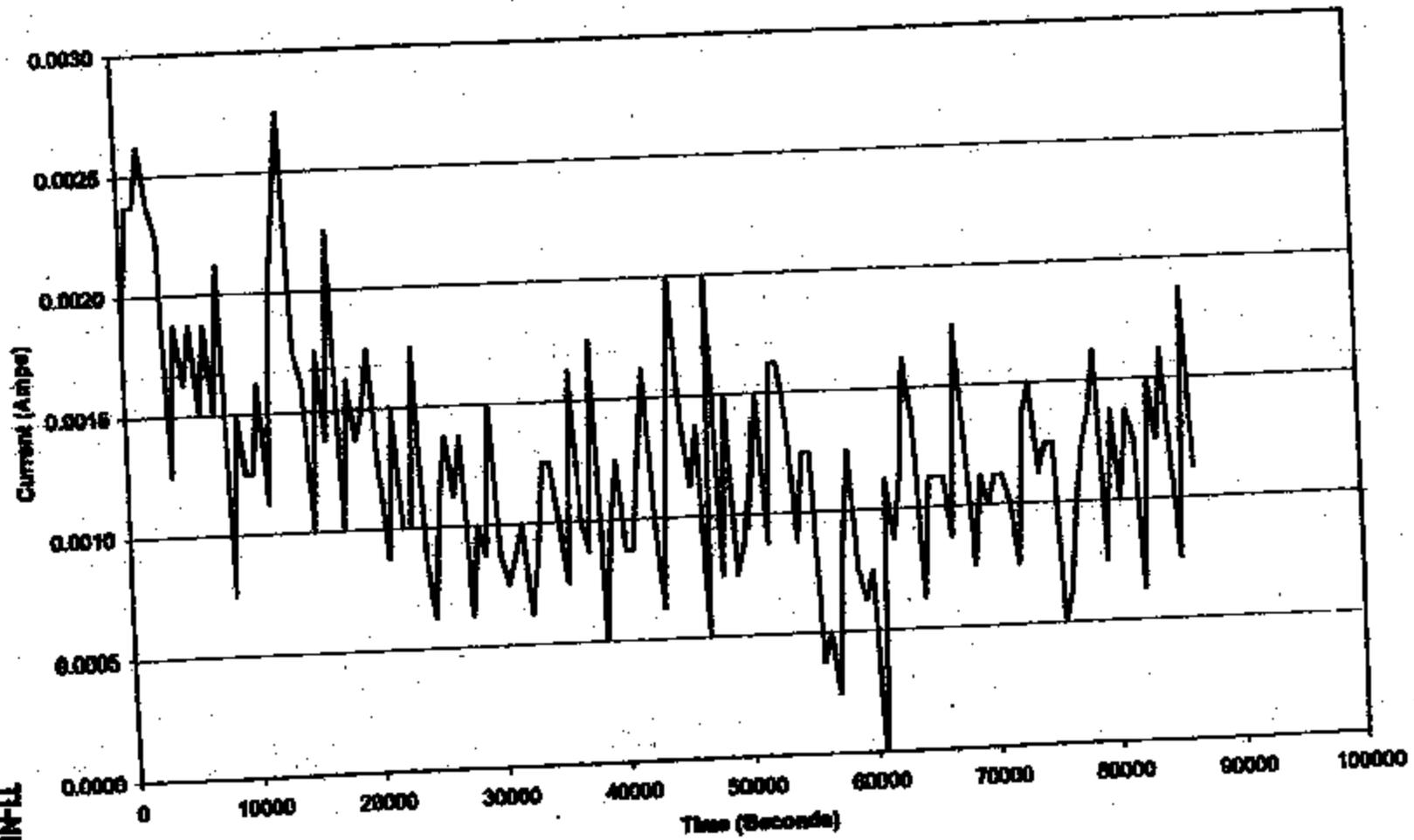
TM-NHTSA 013198

**Terminal Resistance vs. Time
Used Brake Fluid Ingress Experiment**

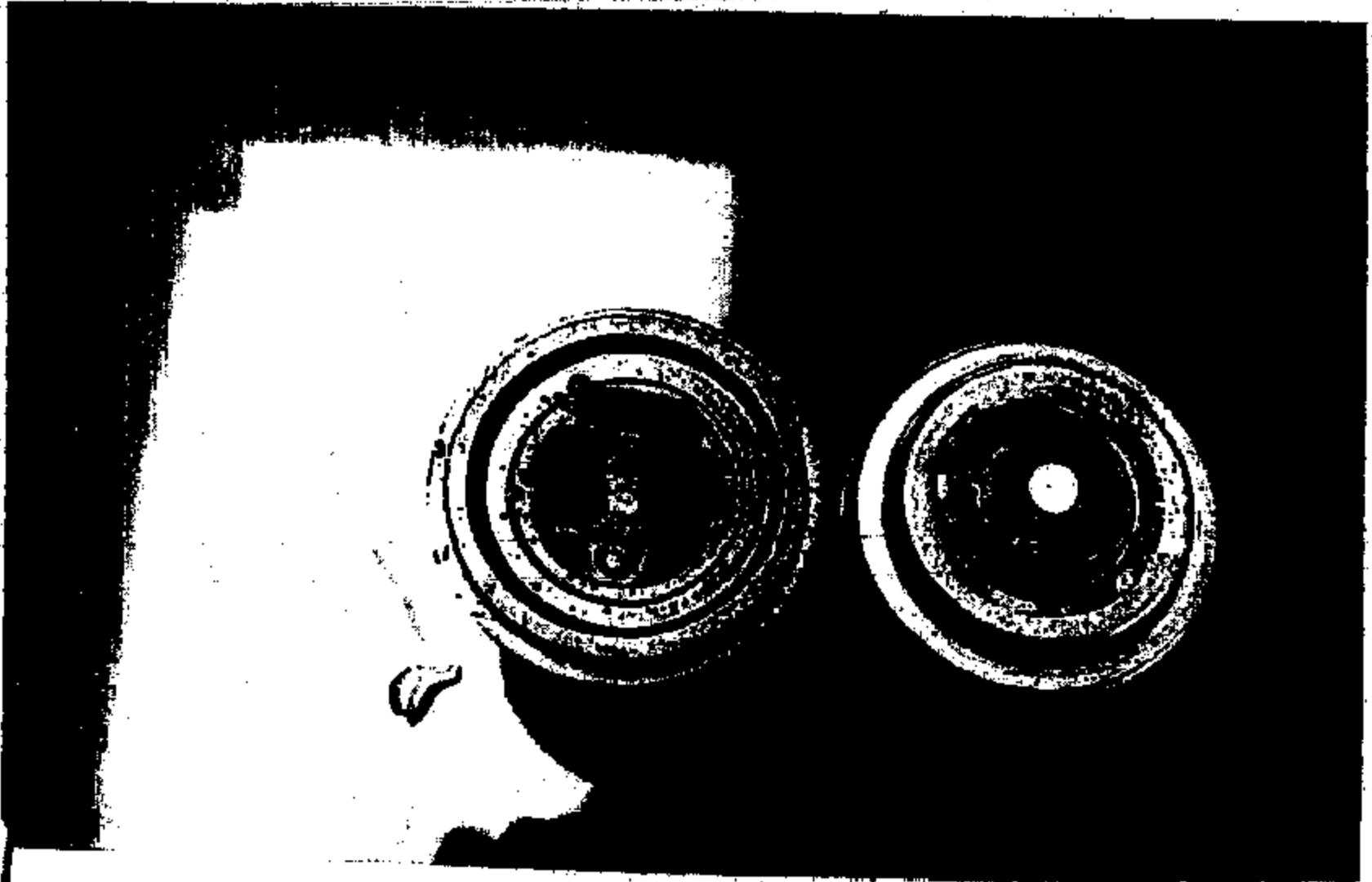


TI-NHTBA 013198

Used Brake Fluid Ingress Experiment
Hexport Current vs. Time



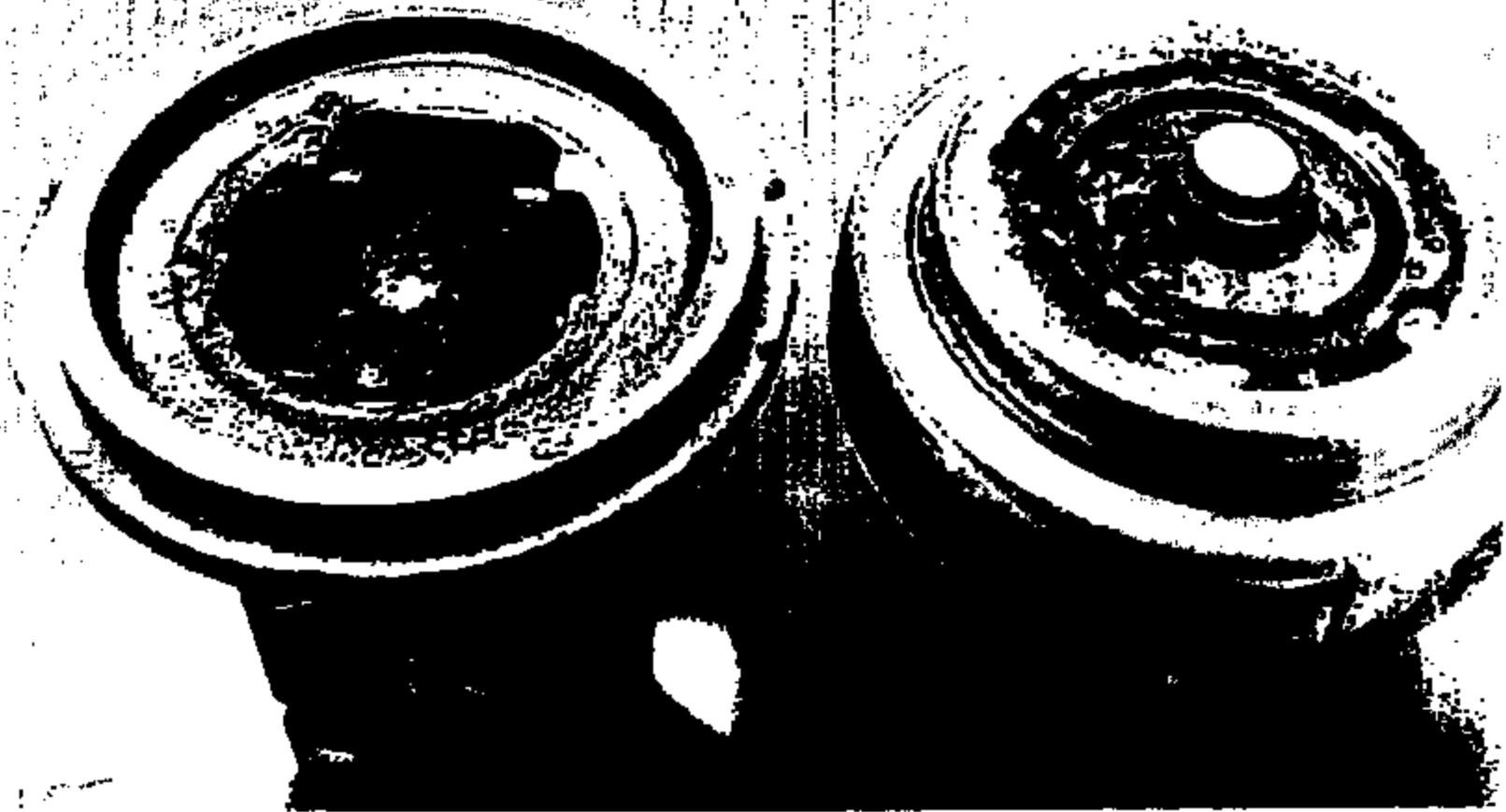
77-NHTSA 013197



24 HOUR USED BRAKE FLUID TEST

TI-NHTSA 013198

TI-NHTSA 013199

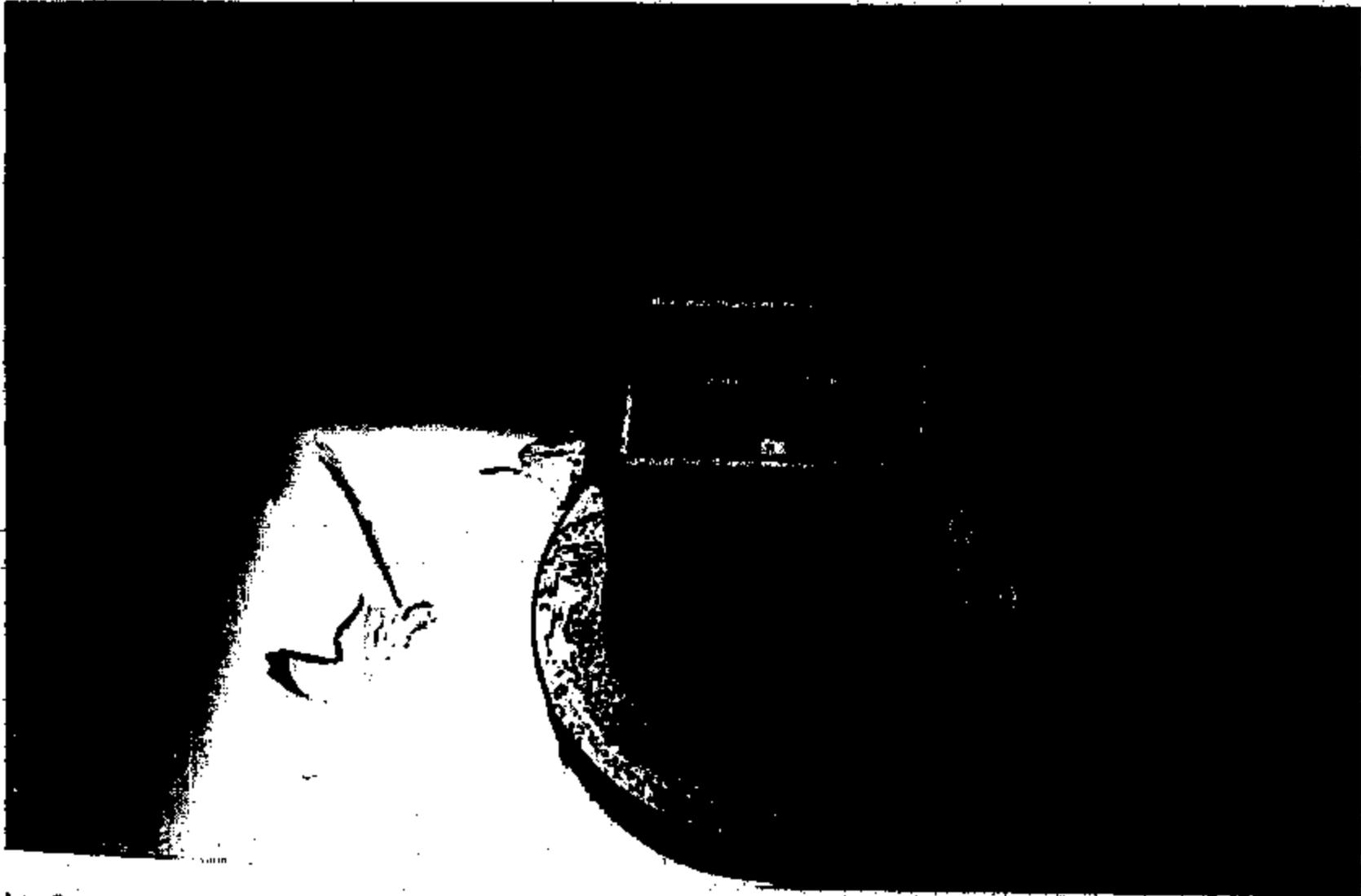


TI-NHTSA 015200





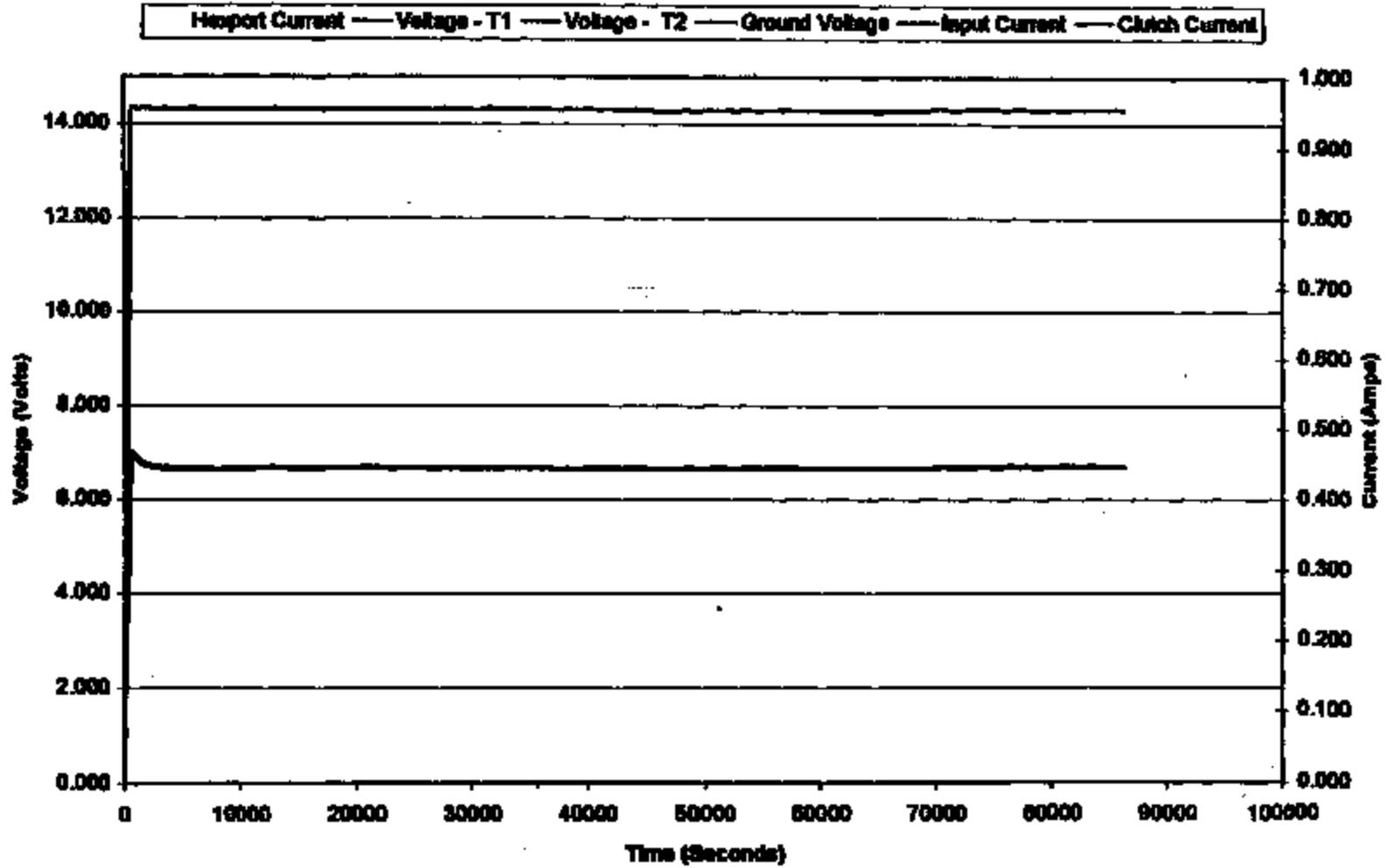
TI-NHTSA 013201



4 HOUR USED BRAKE FLUID

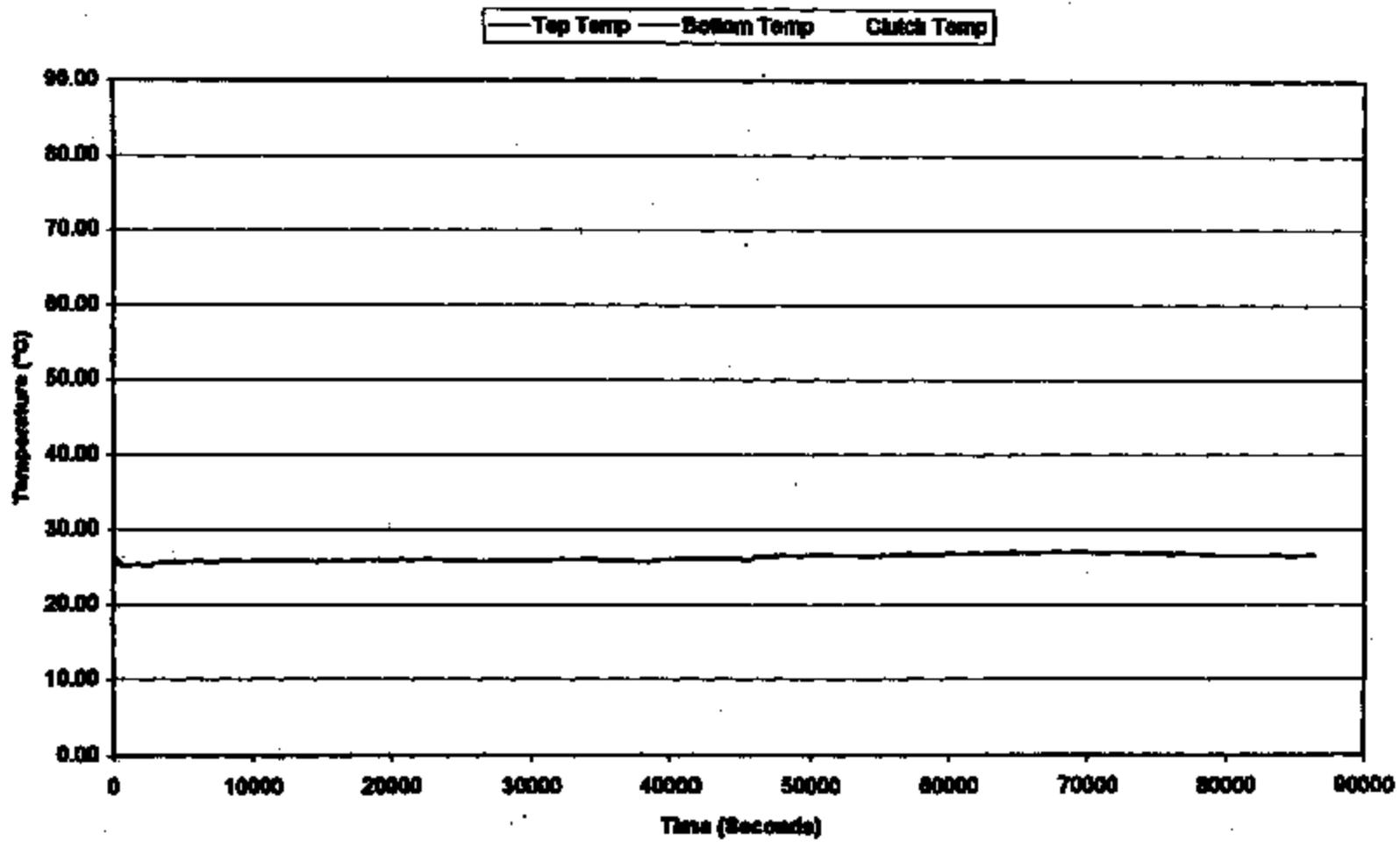
TL-NHTSA 013202

Used Brake Fluid w/ 5% Water Ingress Experiment



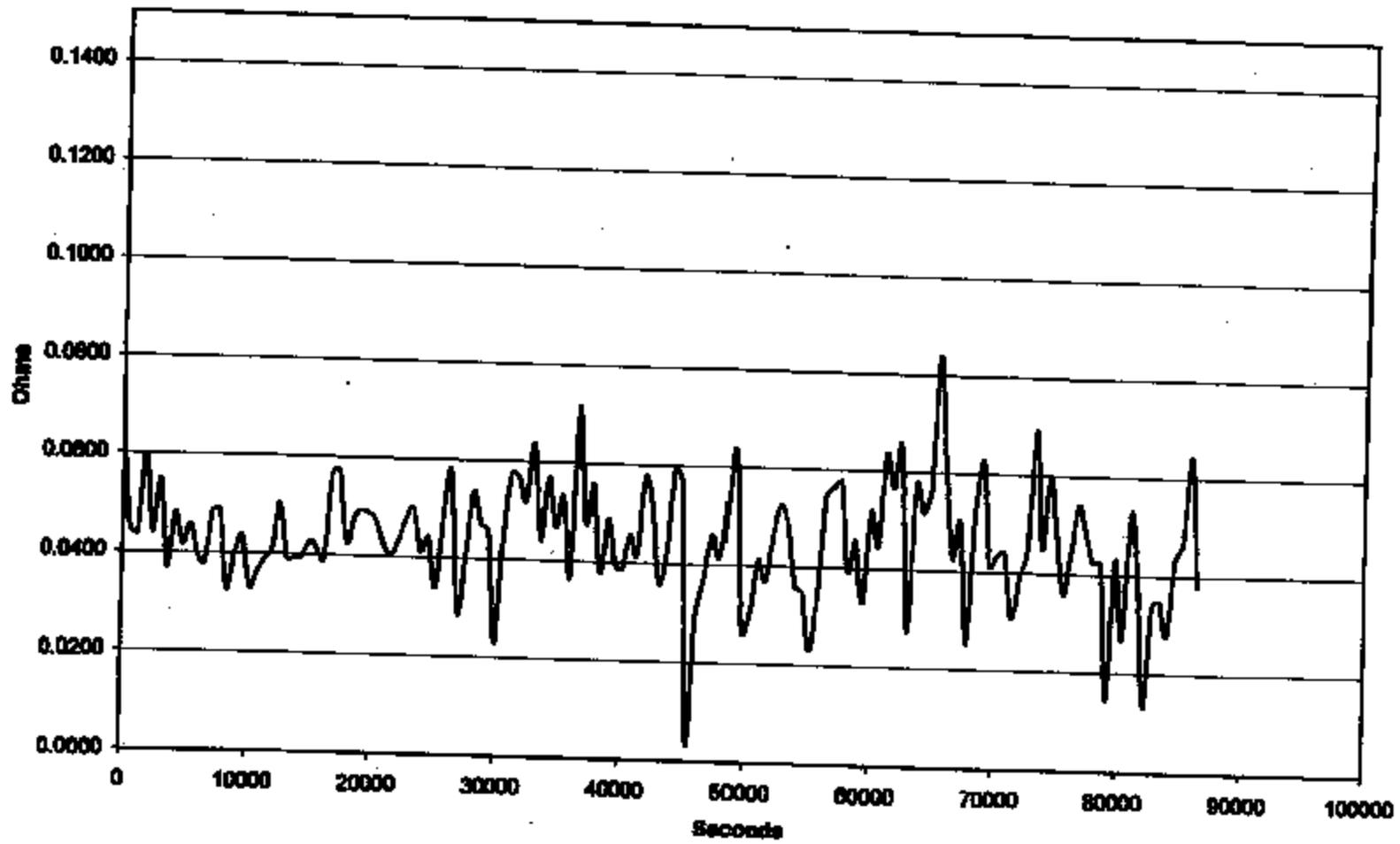
TI-NHTSA 013205

Used Brake Fluid w/ 5% Water Ingress Experiment
Temperatures vs. Time



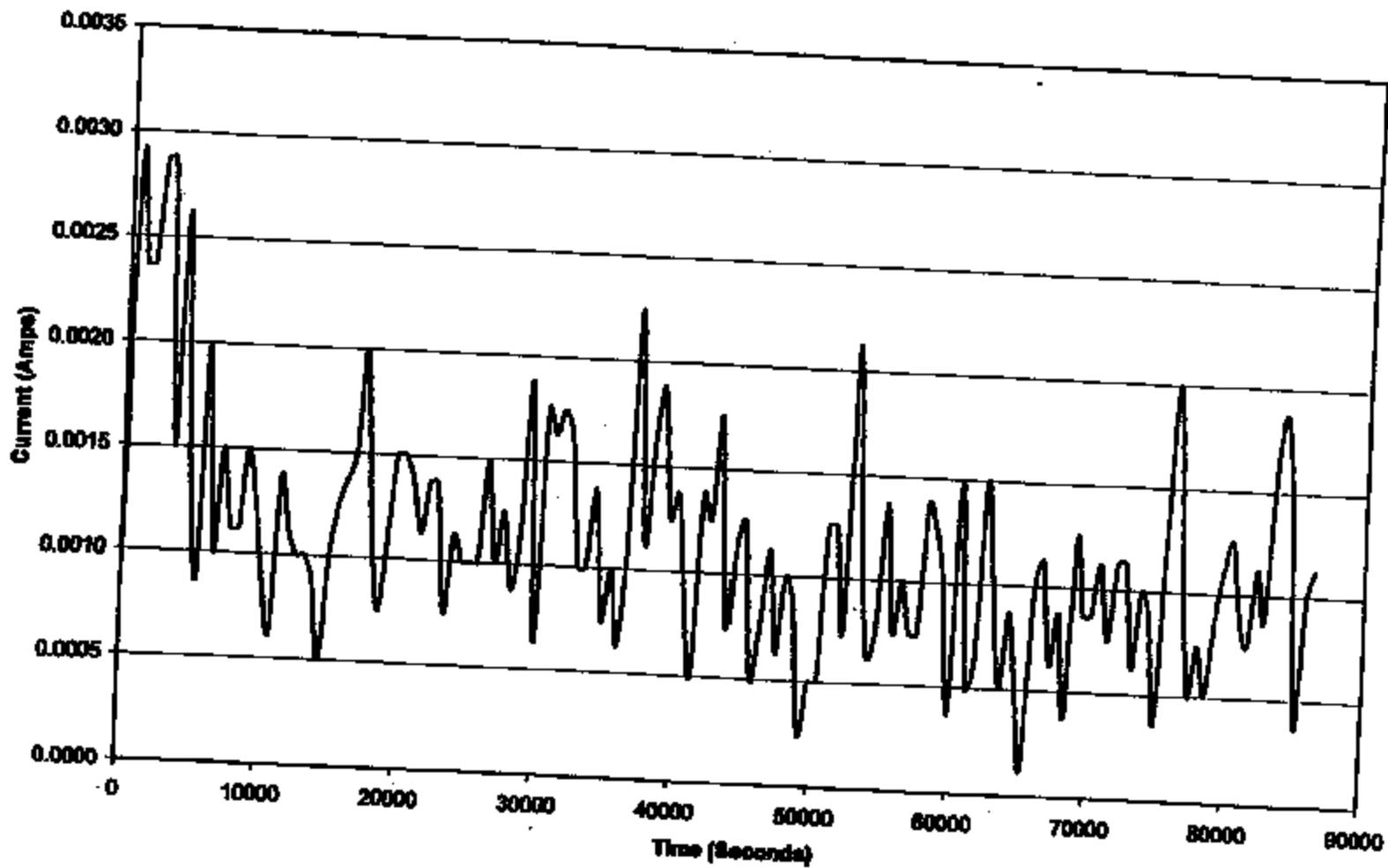
TT-NHTSA 013208

Terminal Resistance vs. Time
Used Brake Fluid w/ 5% water Ingress Experiment

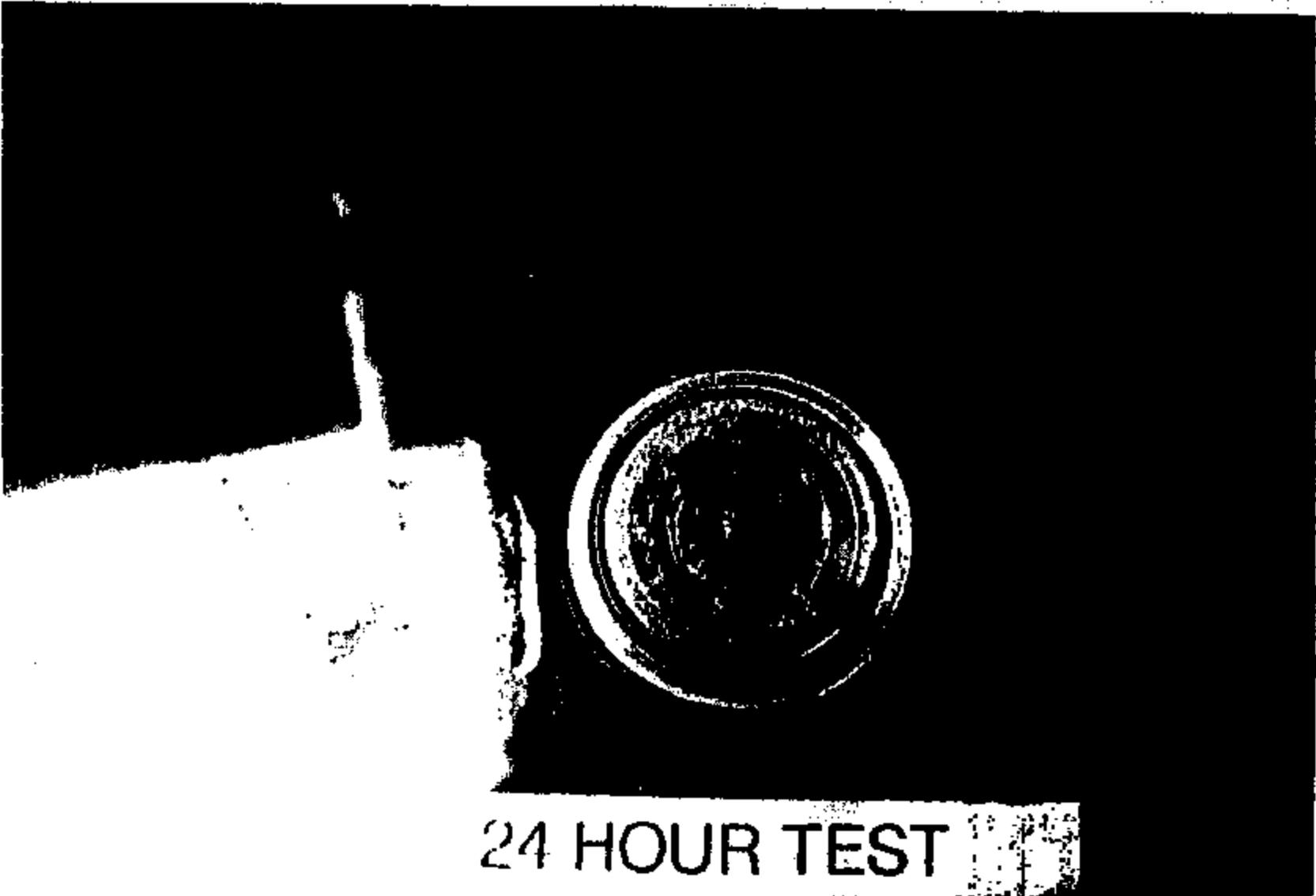


TMHHTSA 013207

Used Brake Fluid w/ 5% water Ingress Experiment
Hexport Current vs. Time



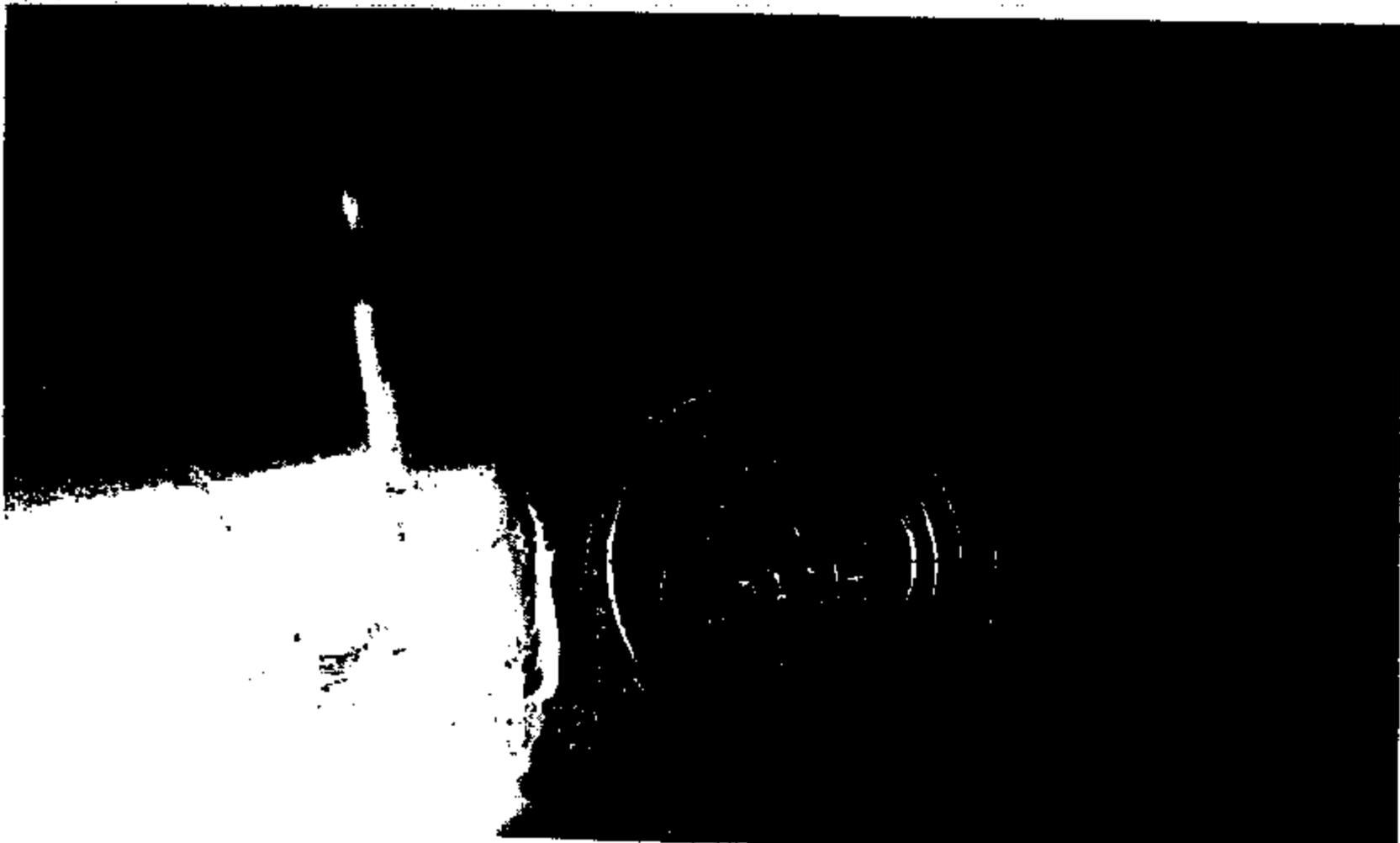
TM-NHTSA 013208



24 HOUR TEST

OLD BRAKE FLUID 5% V

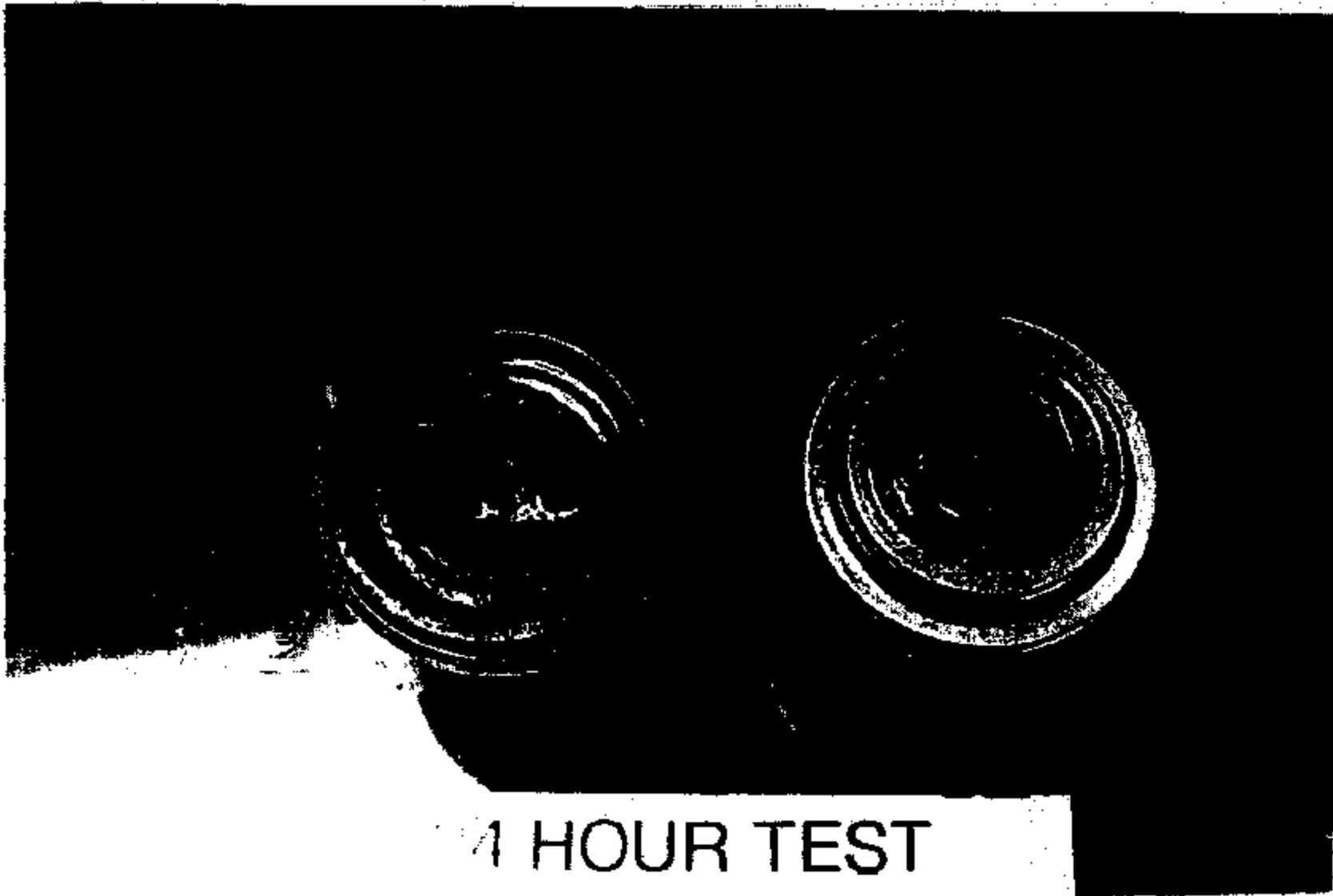
TL-NHTSA 013209



24 HOUR TEST

OLD BRAKE FLUID

TI-NHTSA 013210



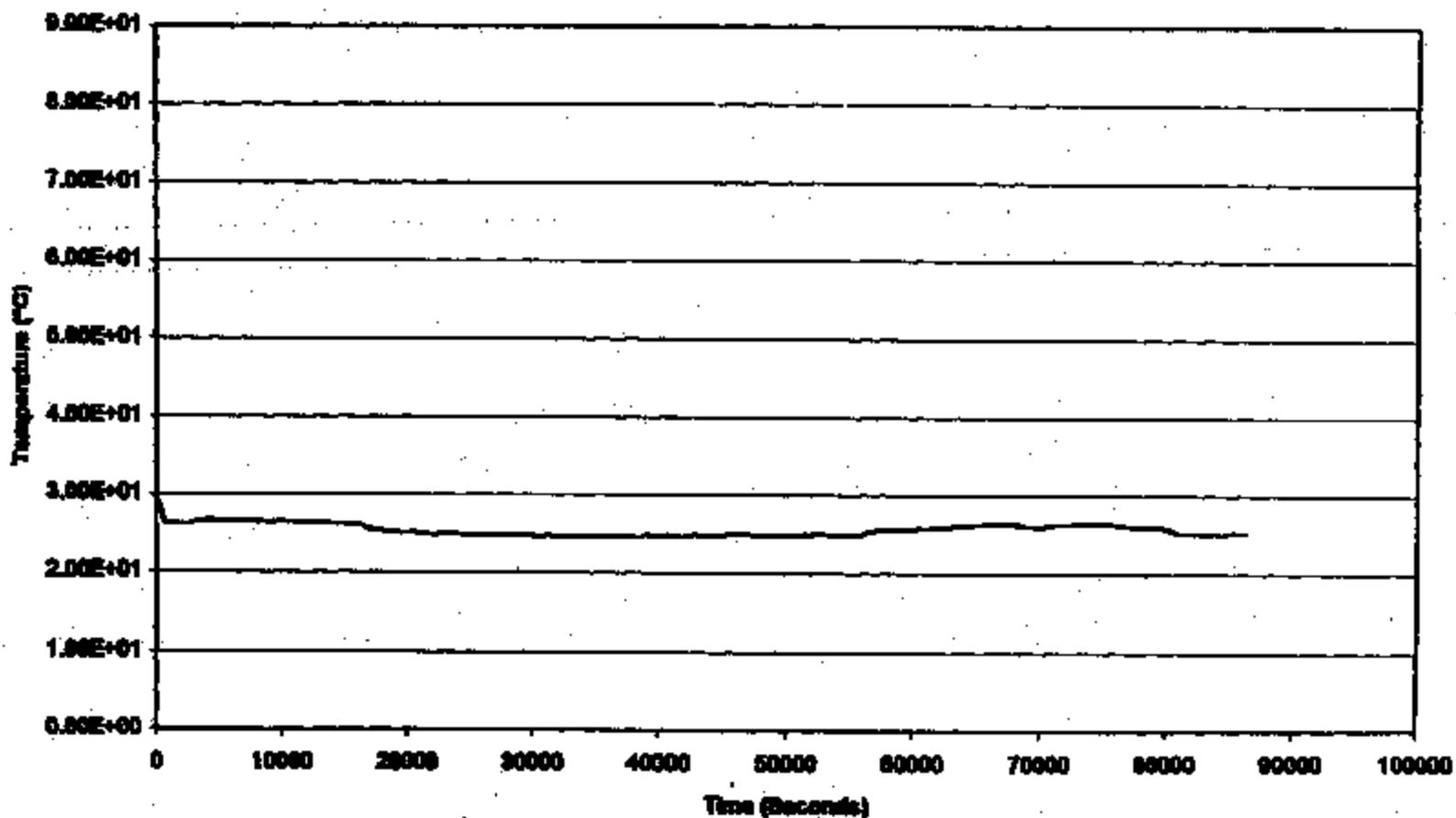
4 HOUR TEST

WAKE FLUID 5% WATER

TI-NHTBA 013211

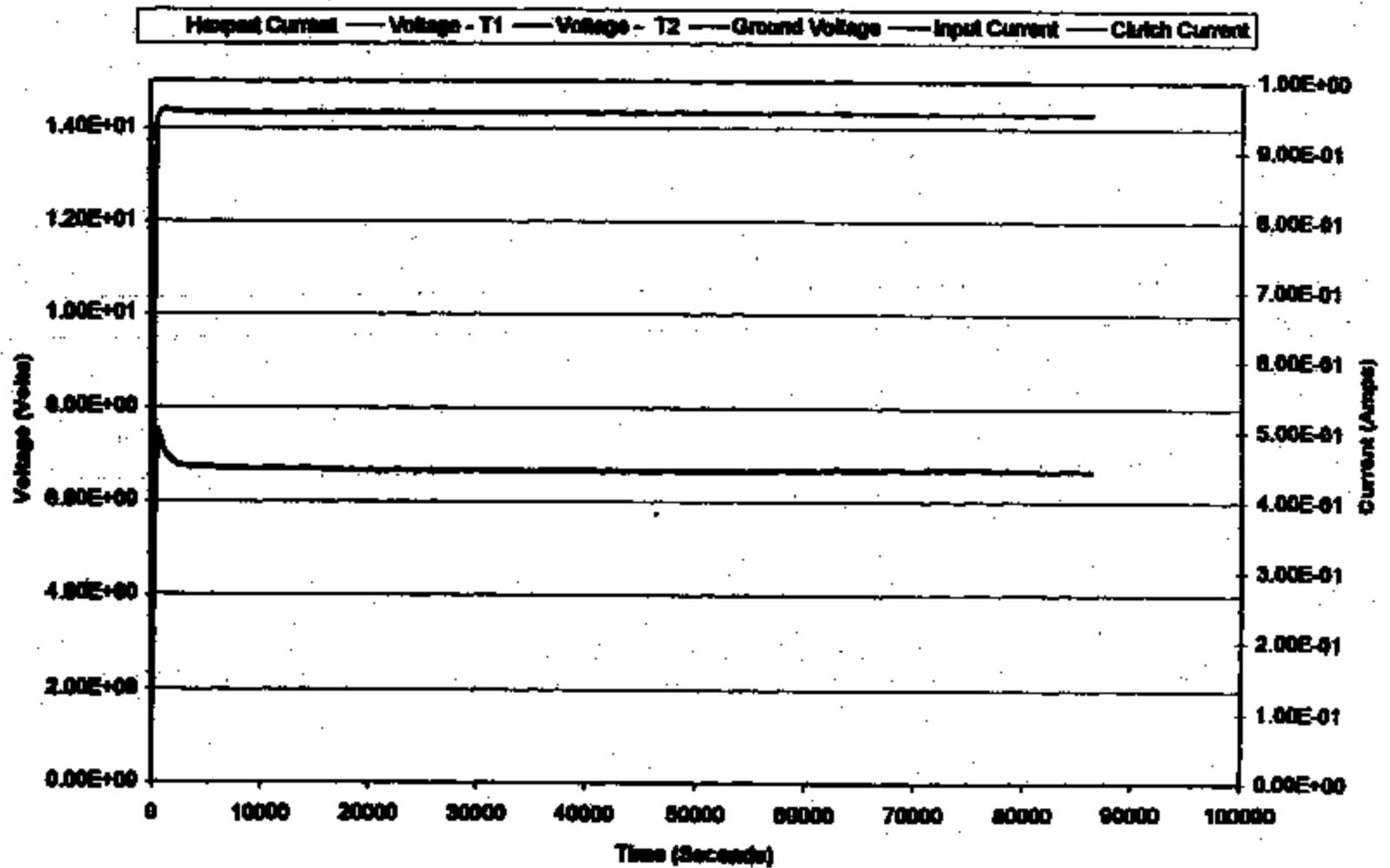
New Brake Fluid Ingress Experiment
Temperatures vs. Time

— Top Temp — Bottom Temp — Catch Temp



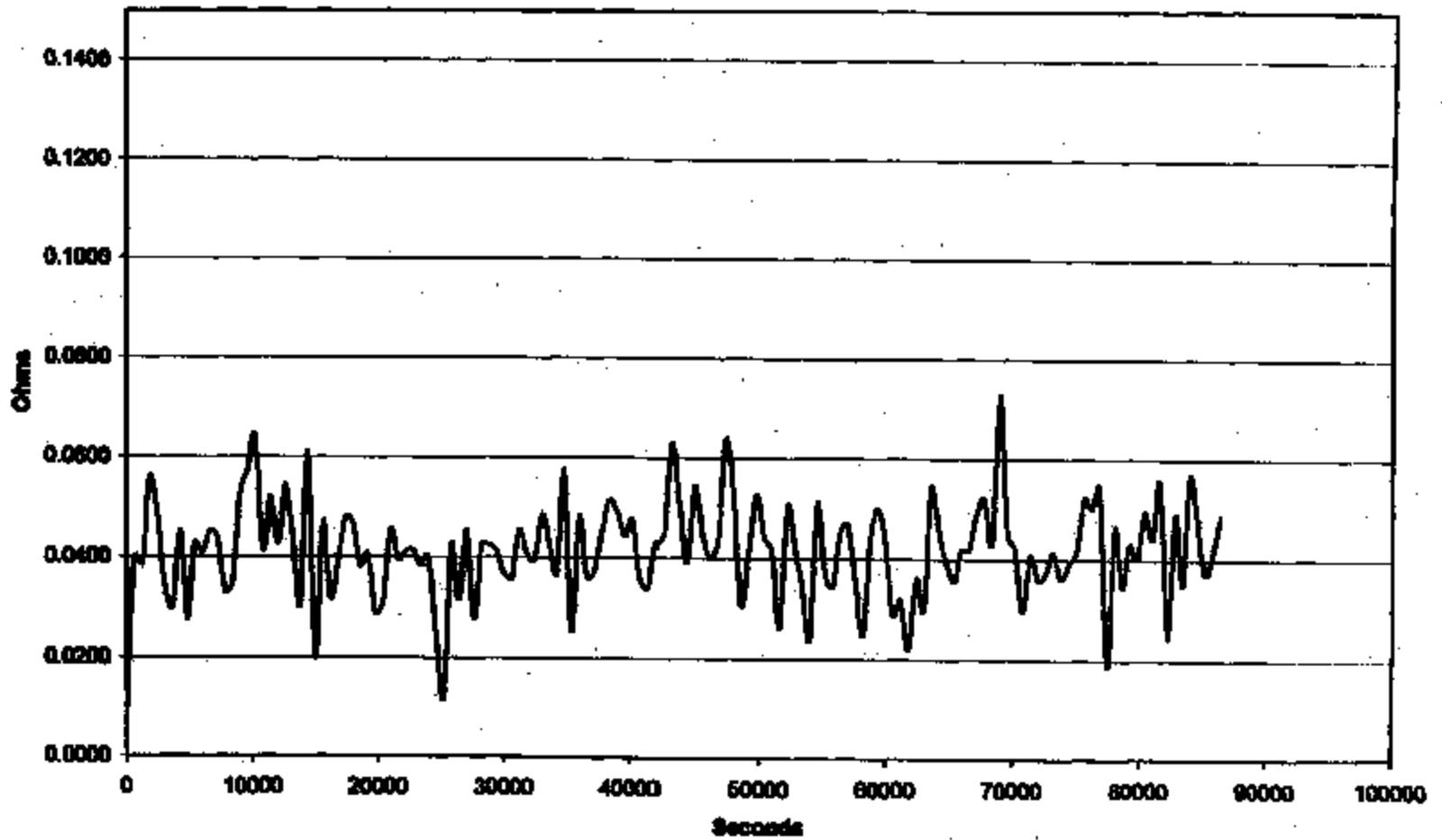
TI-NHTSA 013214

New Brake Fluid Ingress Experiment



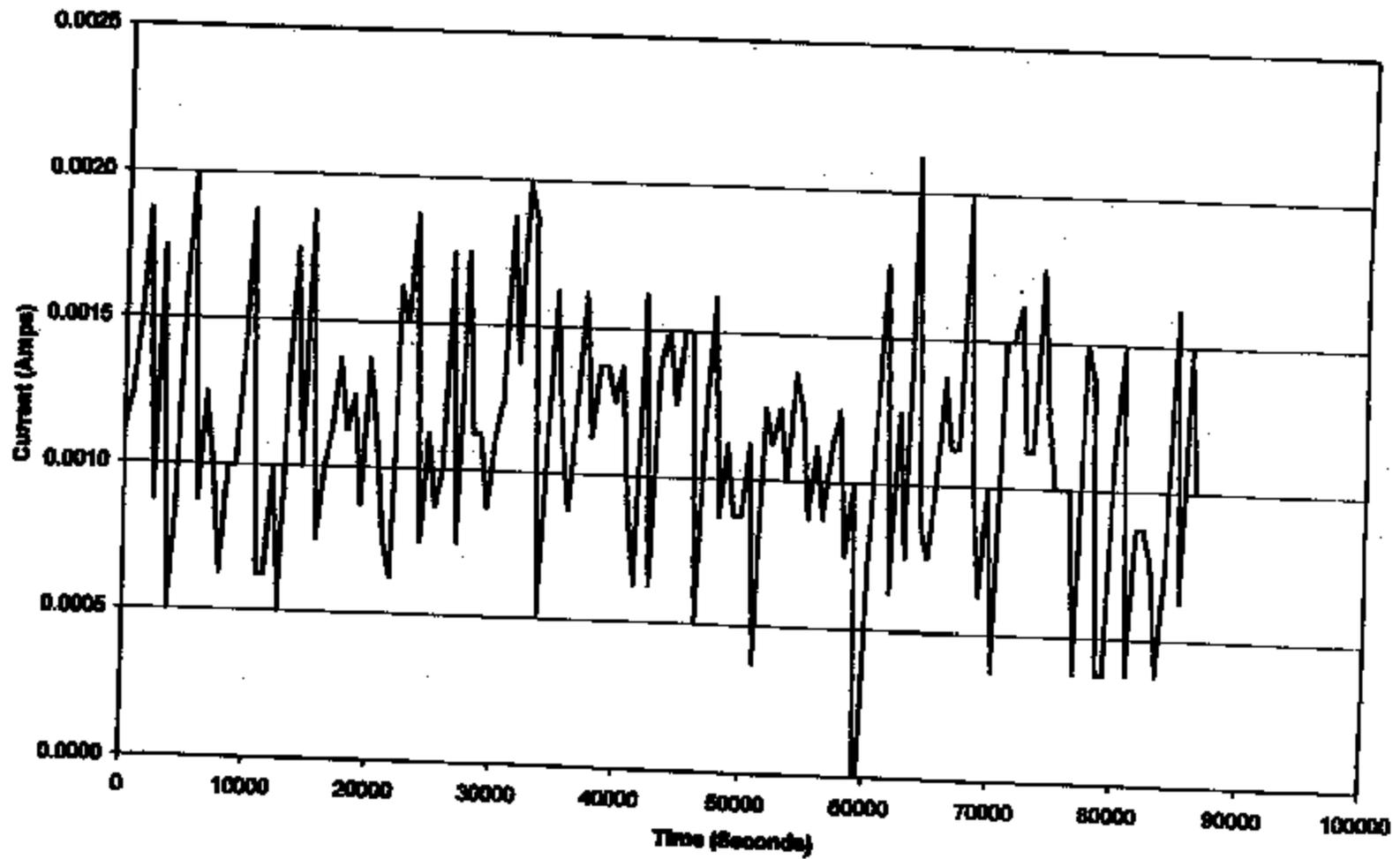
TI-NHTSA 013218

**Terminal Resistance vs. Time
New Brake Fluid Ingress Experiment**

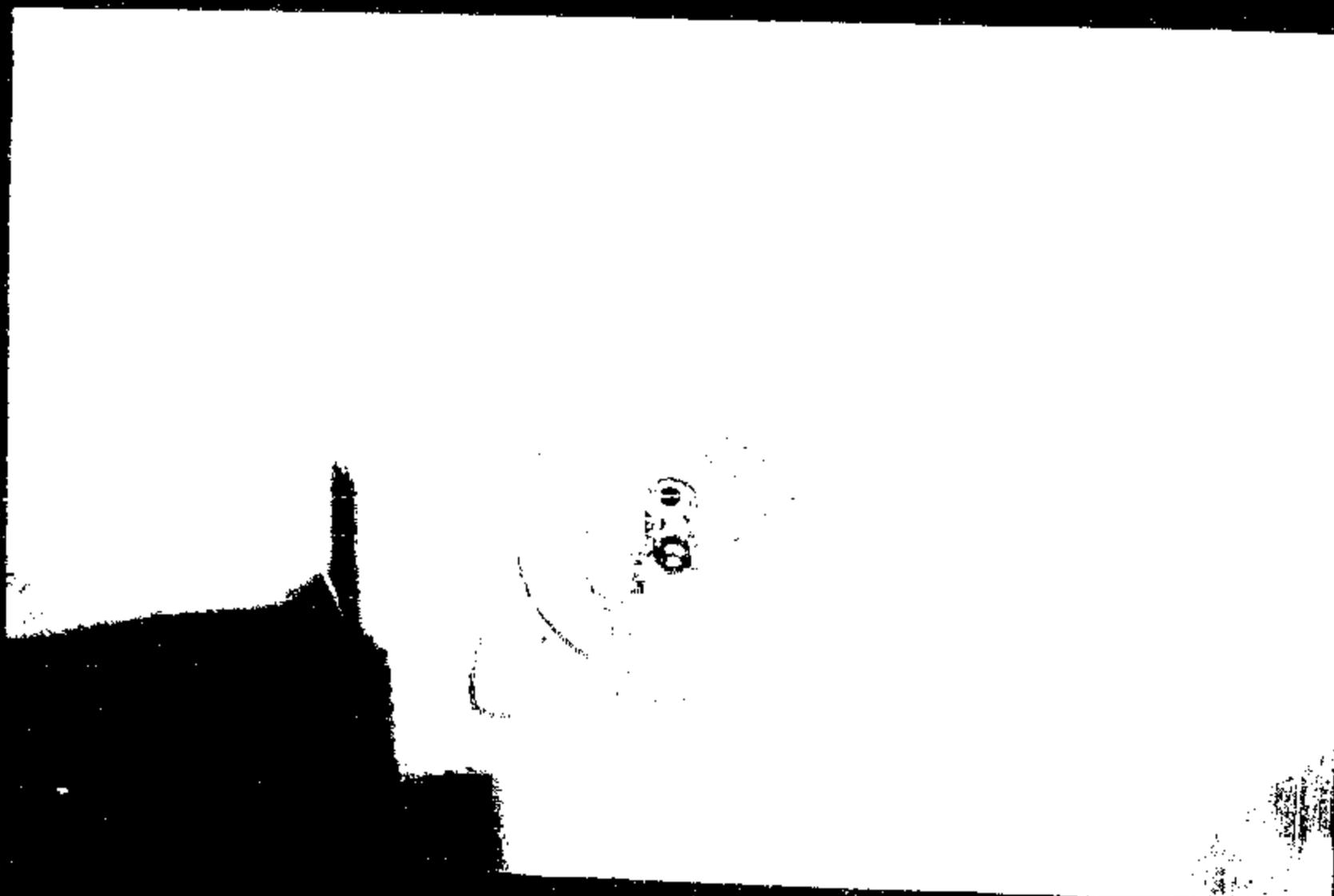


TM-NHTSA 013216

New Brake Fluid Ingress Experiment
Hexport Current vs. Time

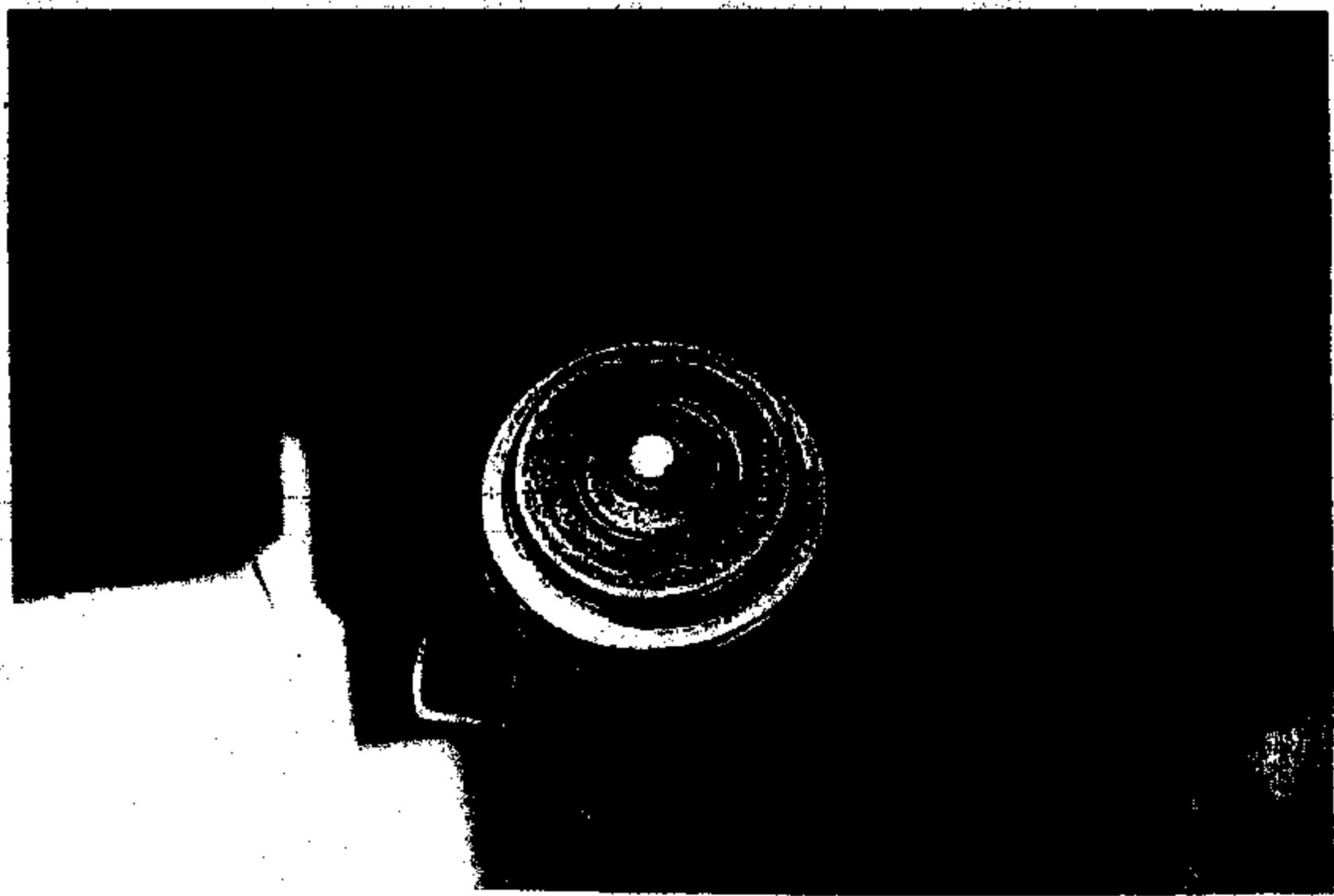


TJNH78A 013217



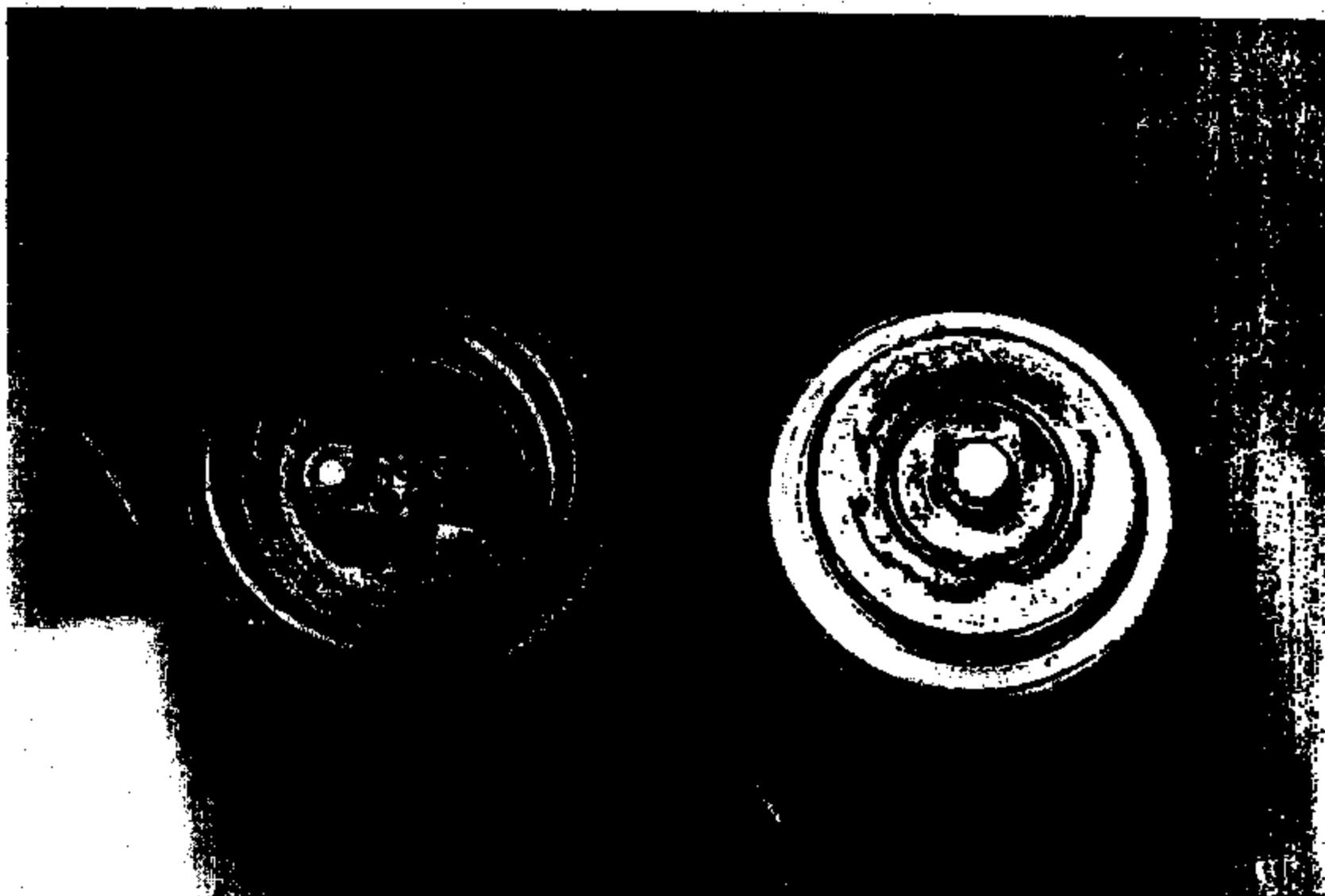
TRANHTSA 013218

CLEAN BRAKE FLUID TES



TI-NHTSA 013219

CLEAN BRAKE FLUID TEST

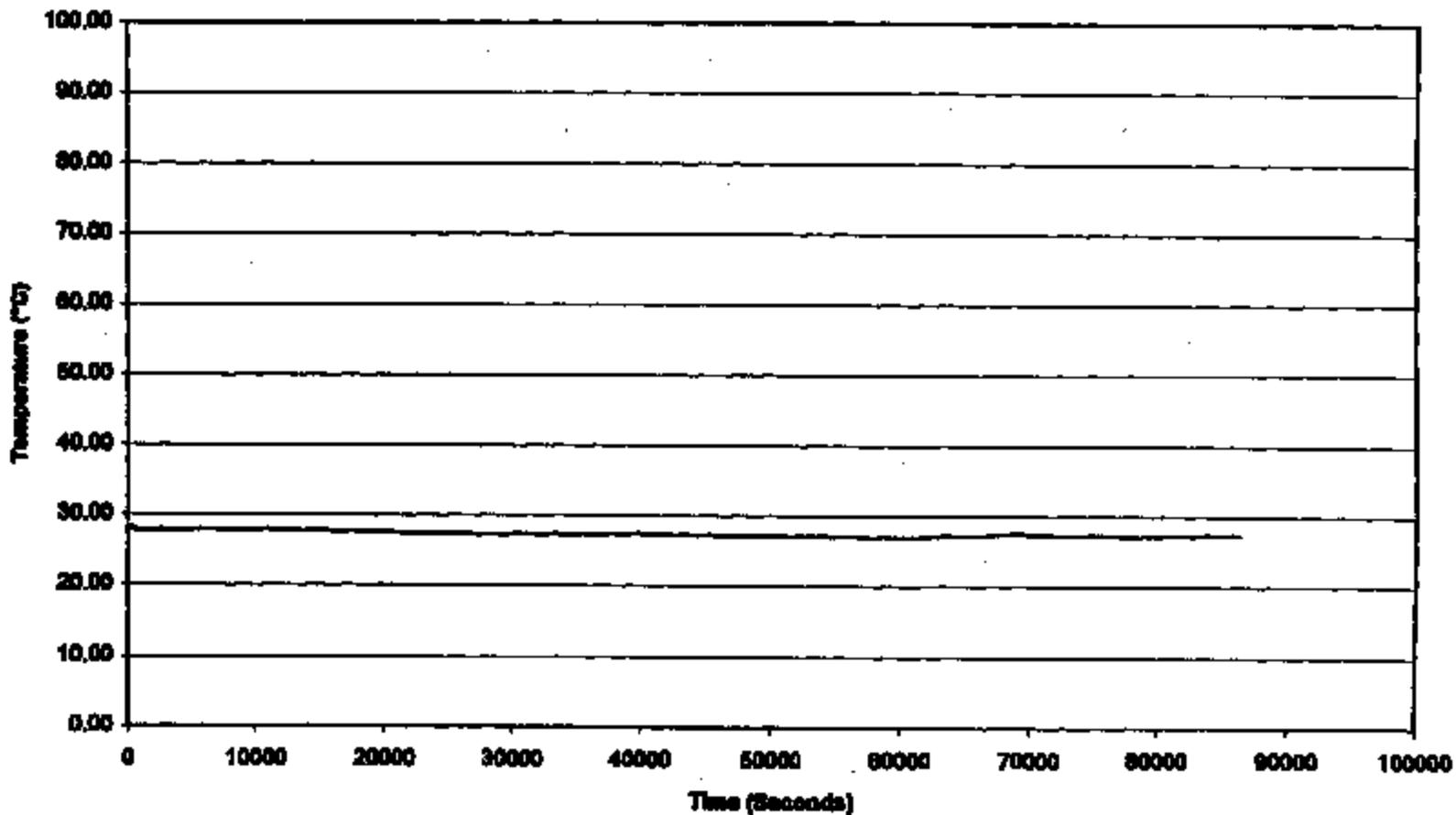


TI-NHTSA 013220

YOUR CLEAN BRAKE FLUID

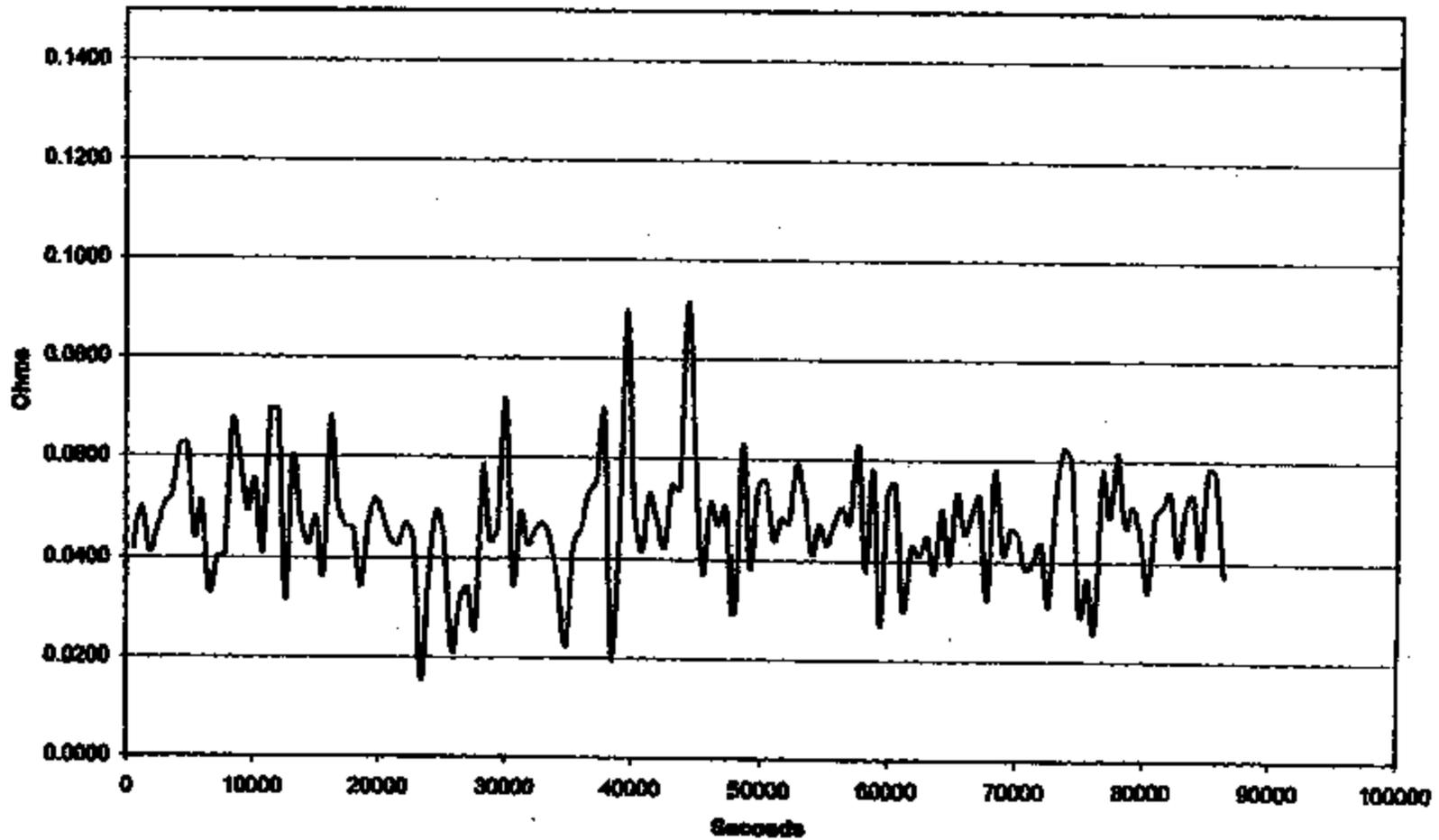
**New Brake Fluid w/ 5% Tap Water Ingress Experiment
Temperatures vs. Time**

--- Top Temp --- Bottom Temp --- Clutch Temp



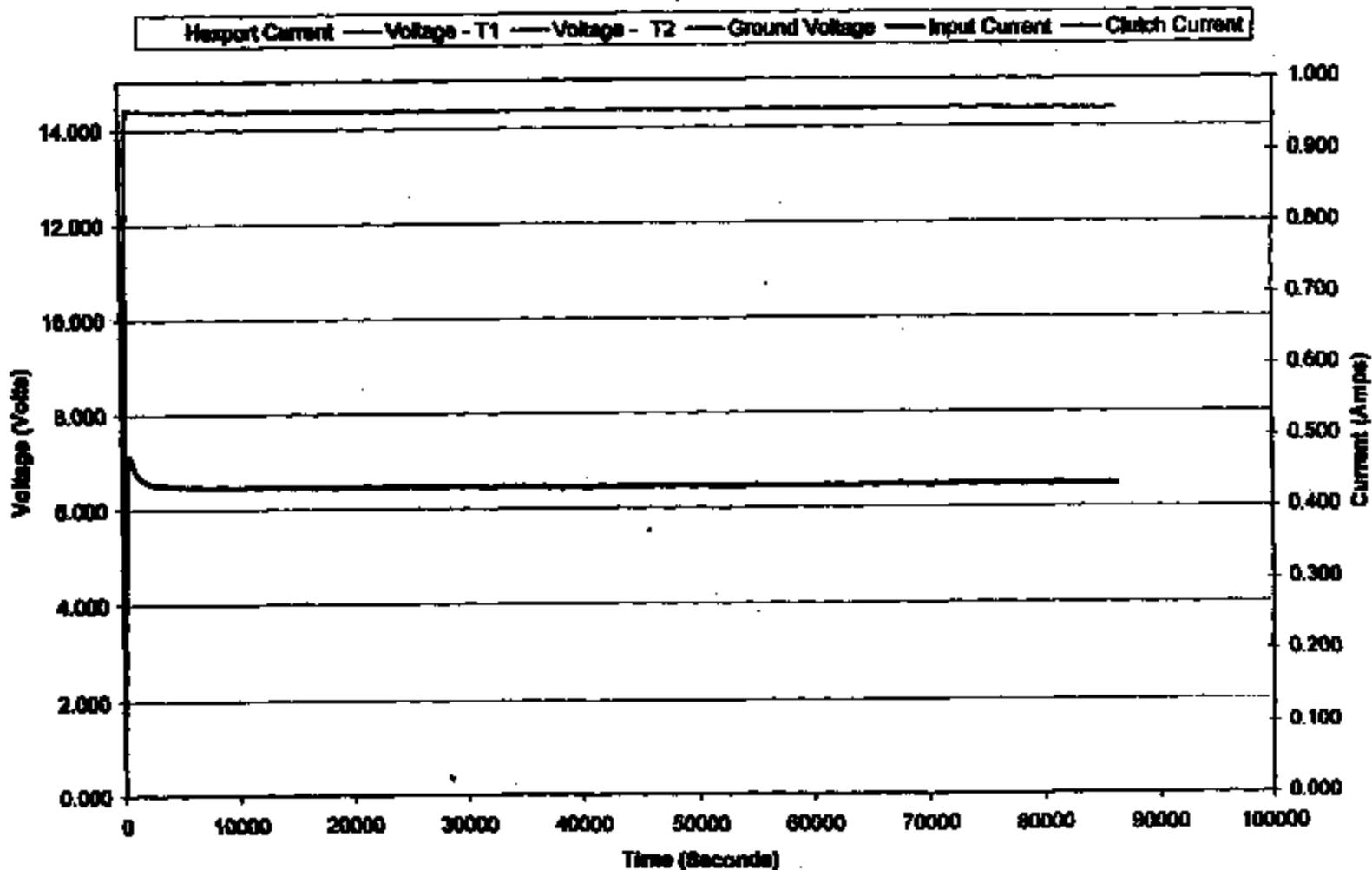
TI-NHTSA 013223

Terminal Resistance vs. Time
New Brake Fluid w/ 5% Tap Water Ingress Experiment



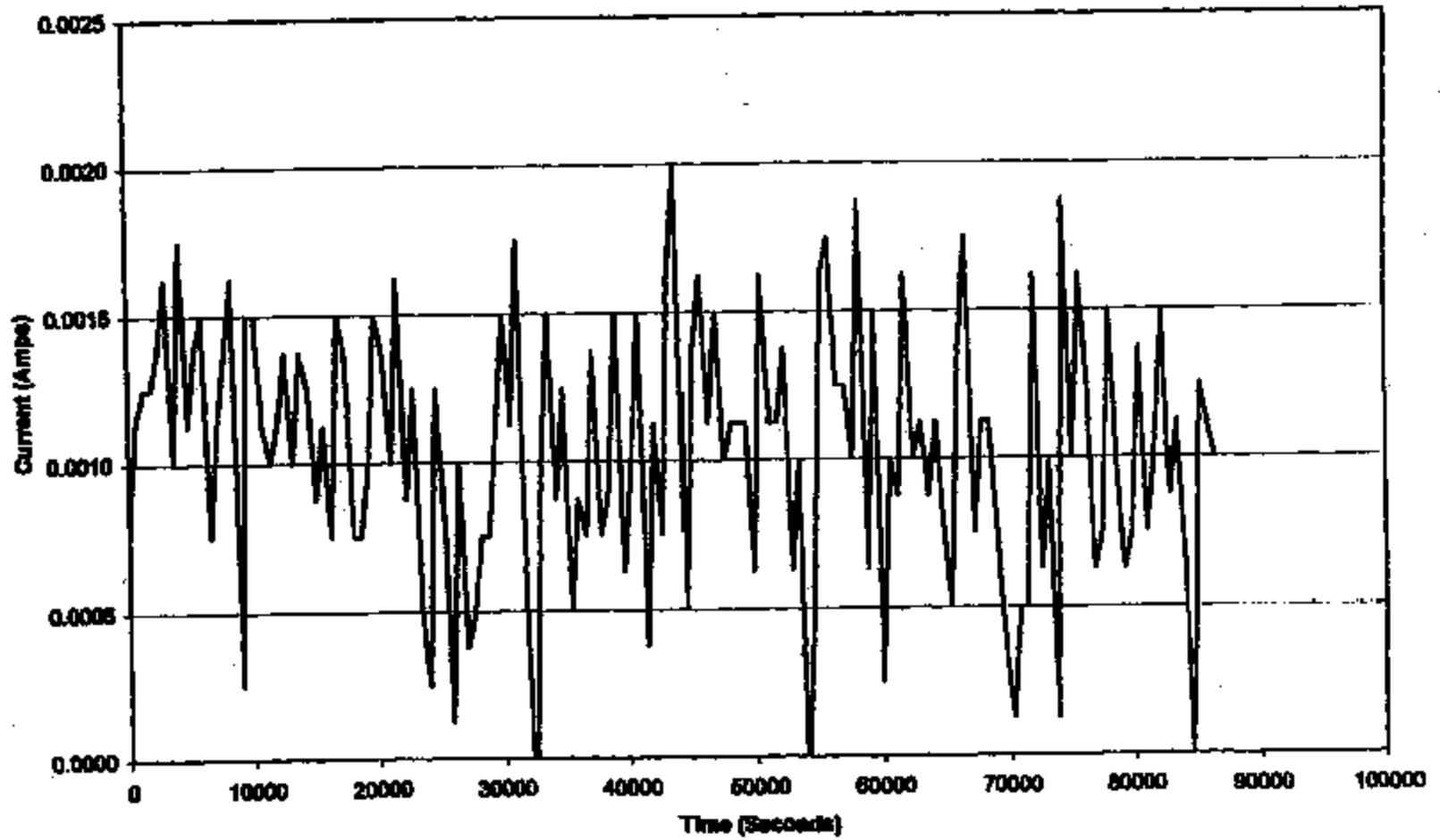
TI-NHTSA 01322

New Brake Fluid w/ 5% Tap Water Ingress Experiment

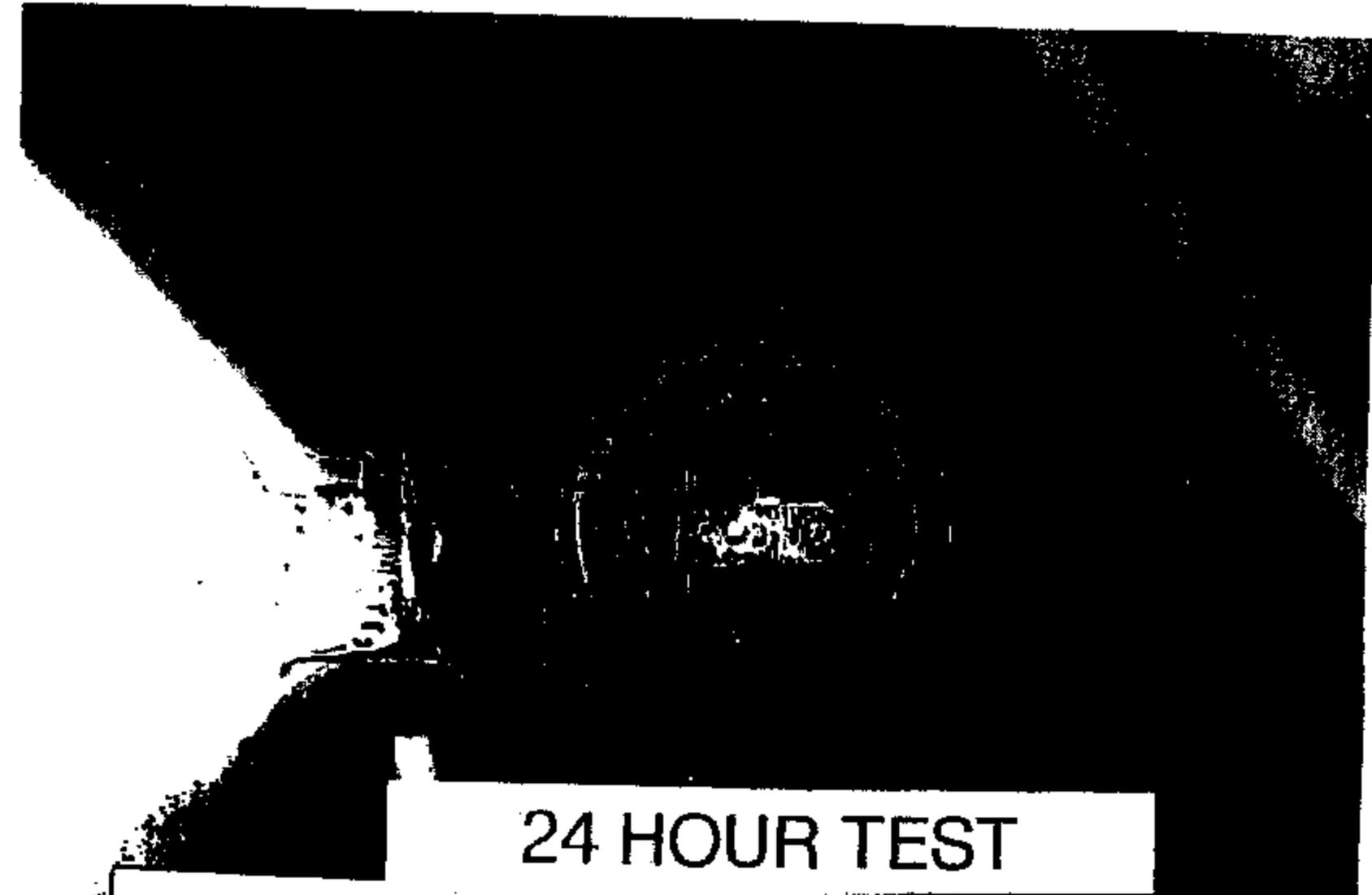


TI-NHTSA 013226

New Brake Fluid w/ 5% Tap Water Ingress Experiment
Hexport Current vs. Time



TI-NHTSA 013226



24 HOUR TEST

5% WATER CLEAN BRAKE FLUID

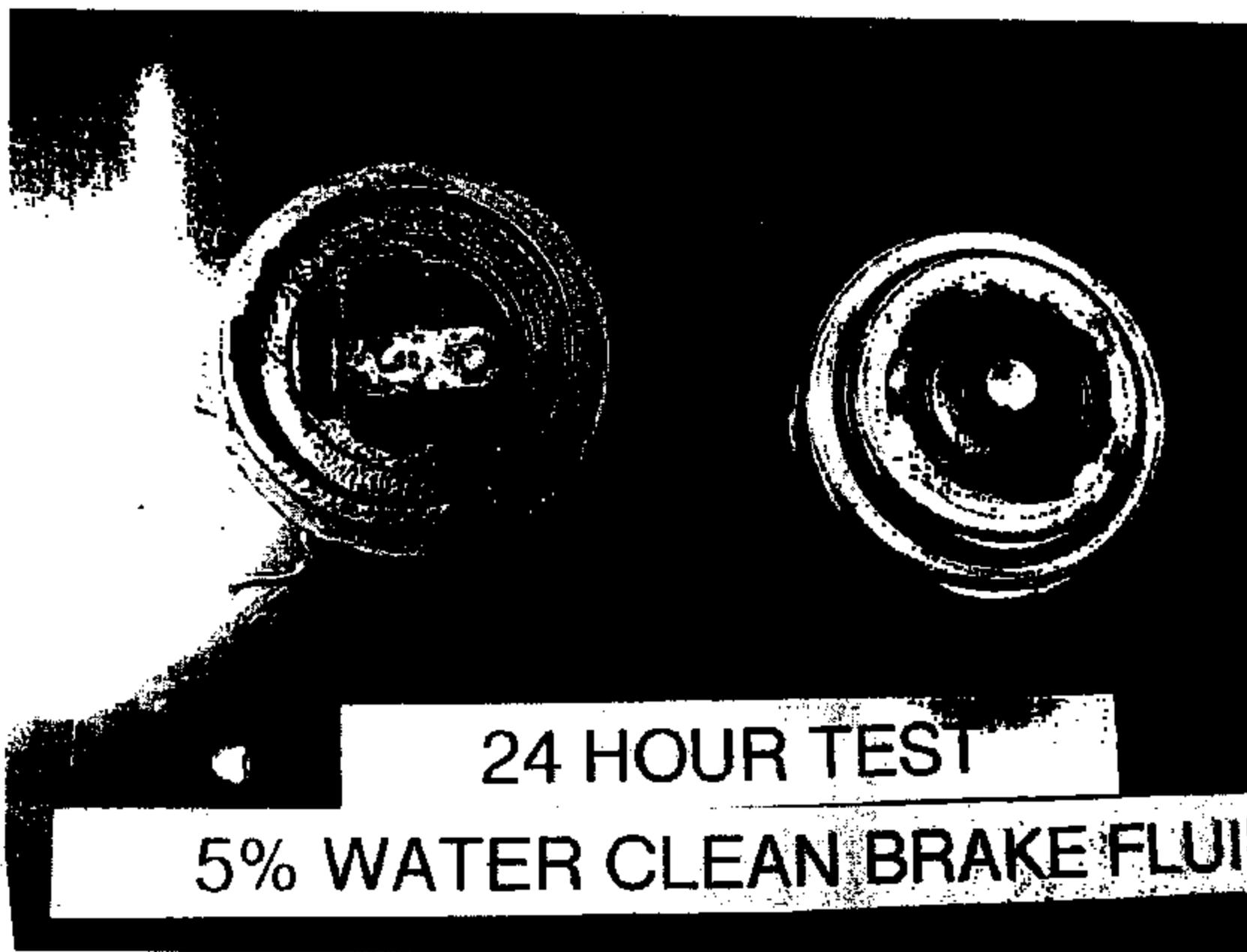
TJ-NHTSA 013227



24 HOUR TEST

50% WATER CLEAN BRAKE FLUID

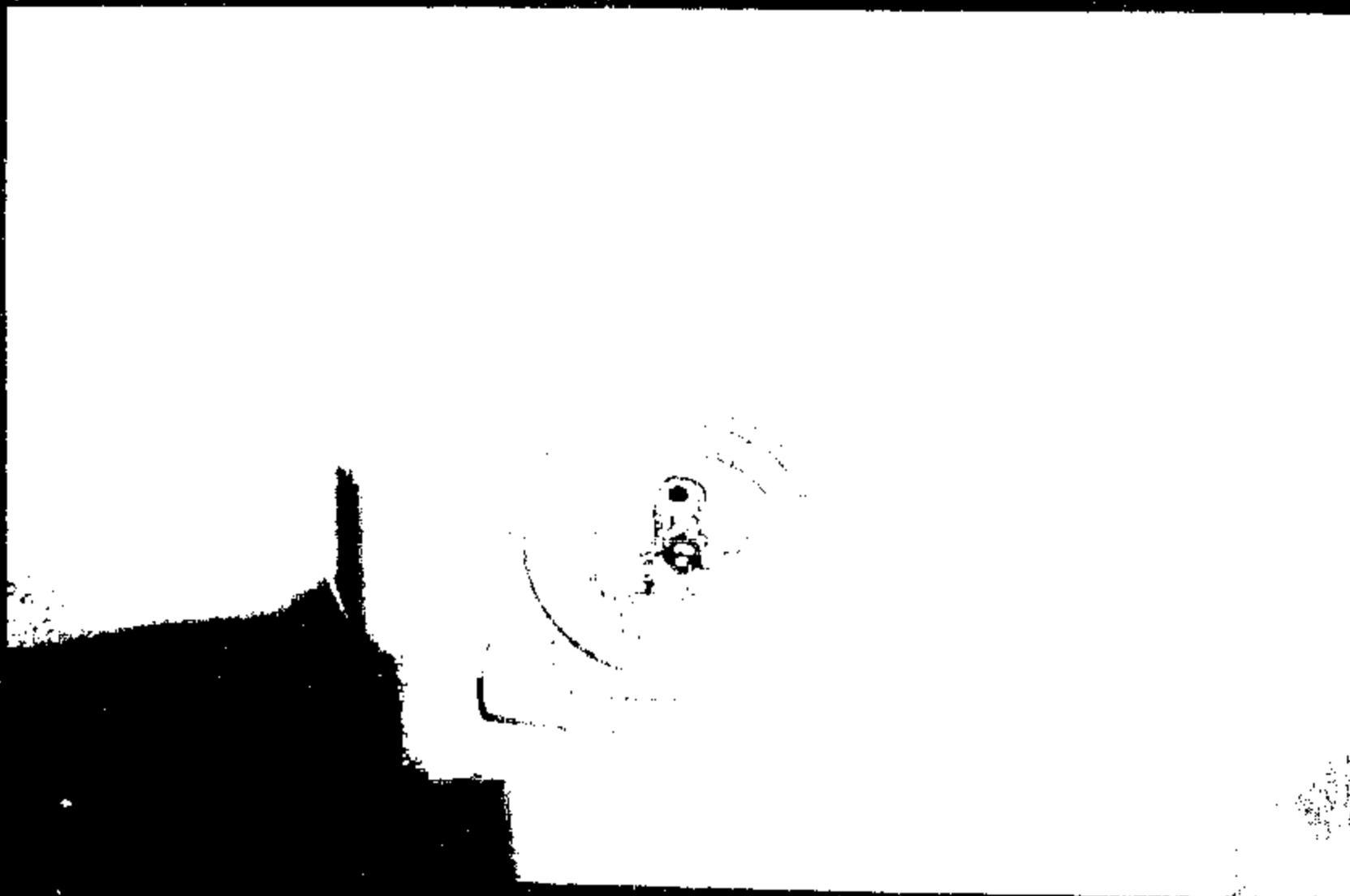
TIKHTSA 013228



TI-NHTSA 013228

24 HOUR TEST

5% WATER CLEAN BRAKE FLUID



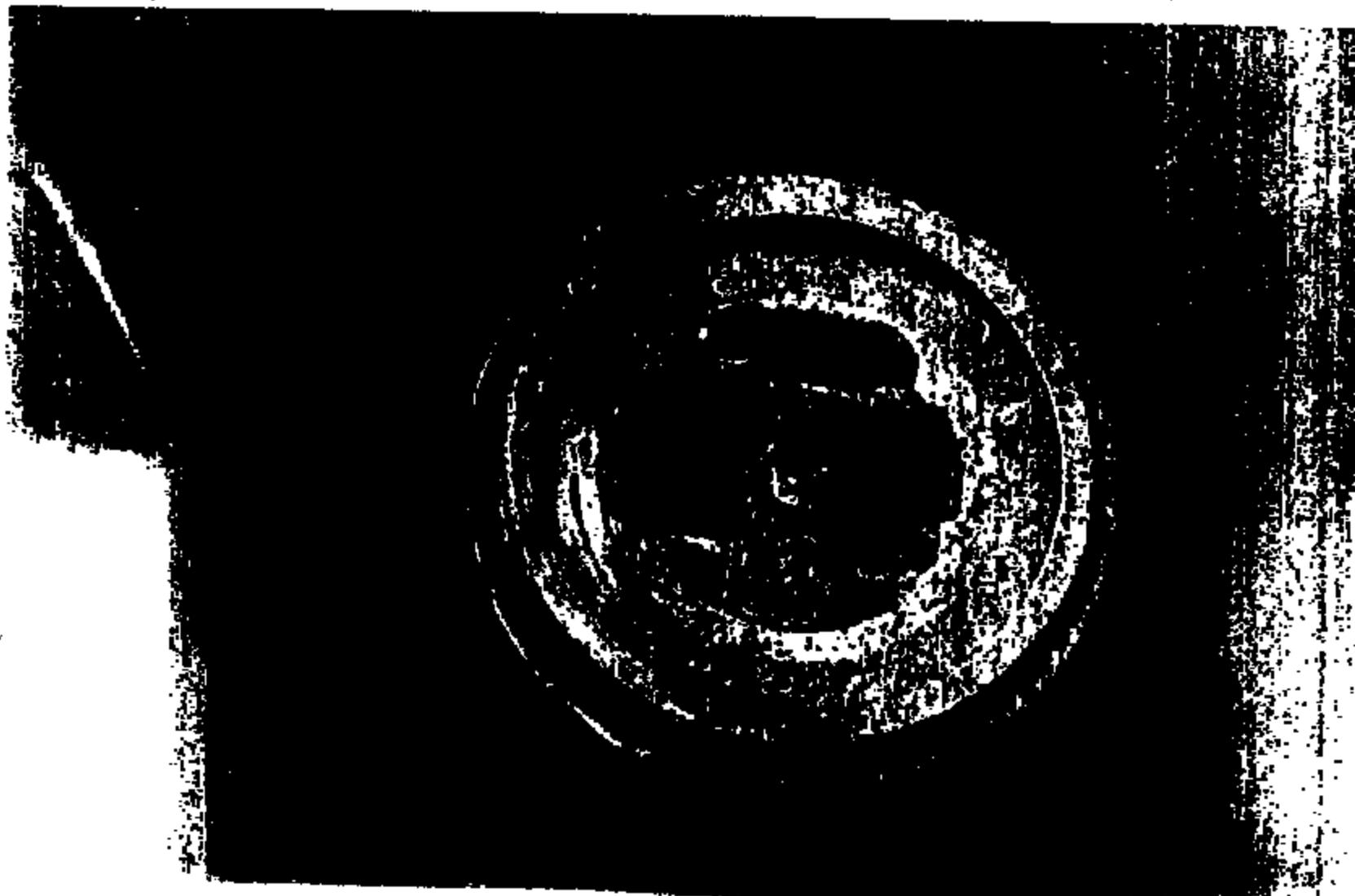
TI-NHTSA 013230

CLEAN BRAKE FLUID TEST



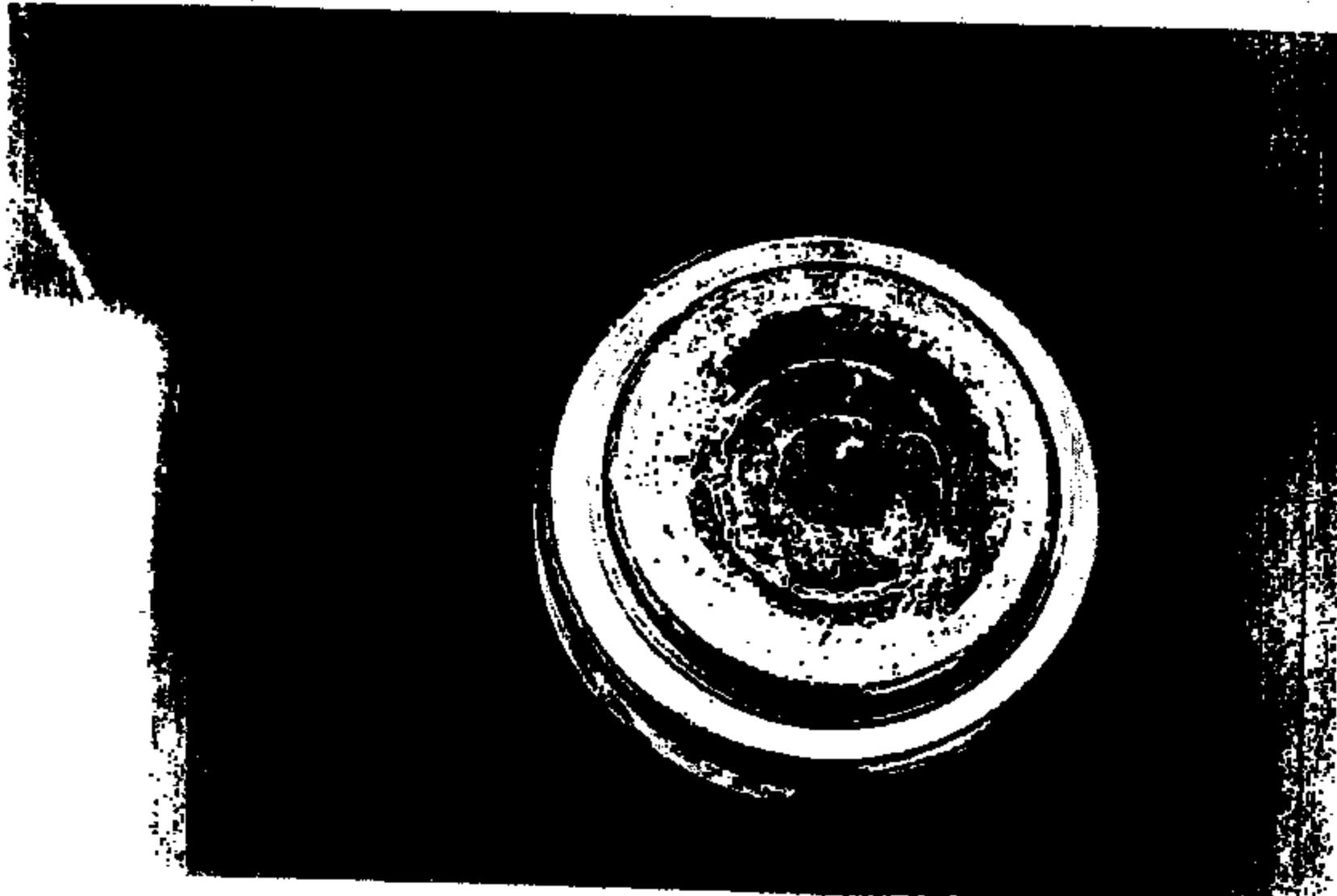
CLEAN BRAKE FLUID TES

TI-NHTSA 013231



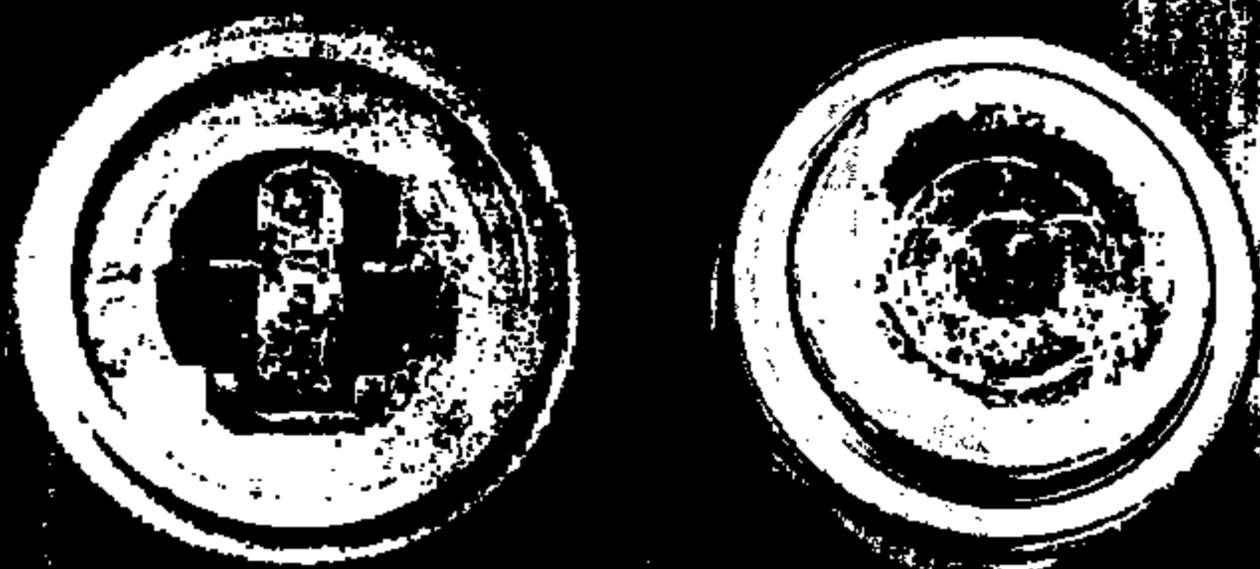
TI-NHTSA 013233

TAP WATER TEST



TI-NHTSA 013234

TAP WATER TEST

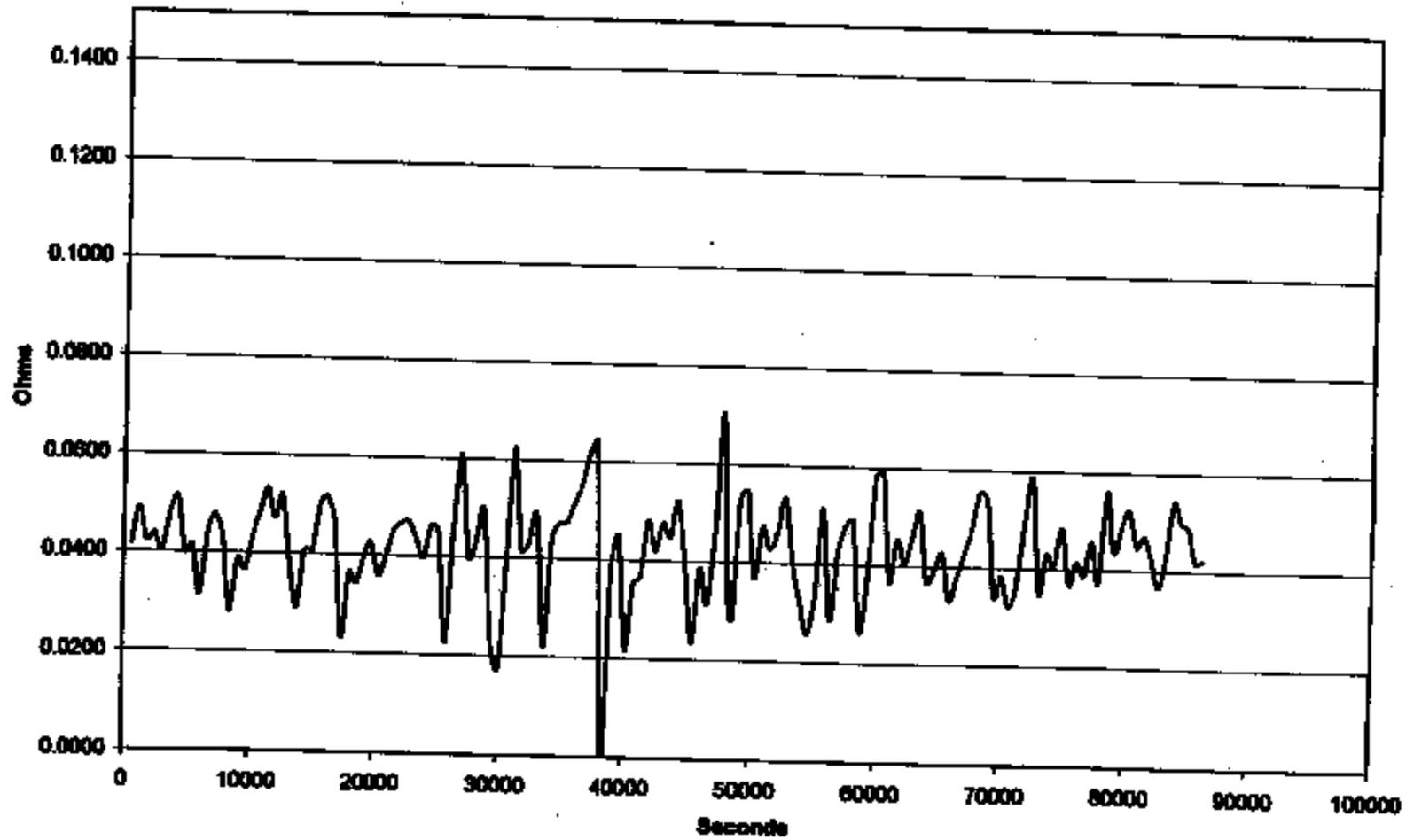


IAP WATER TEST

71NHTSA 013236

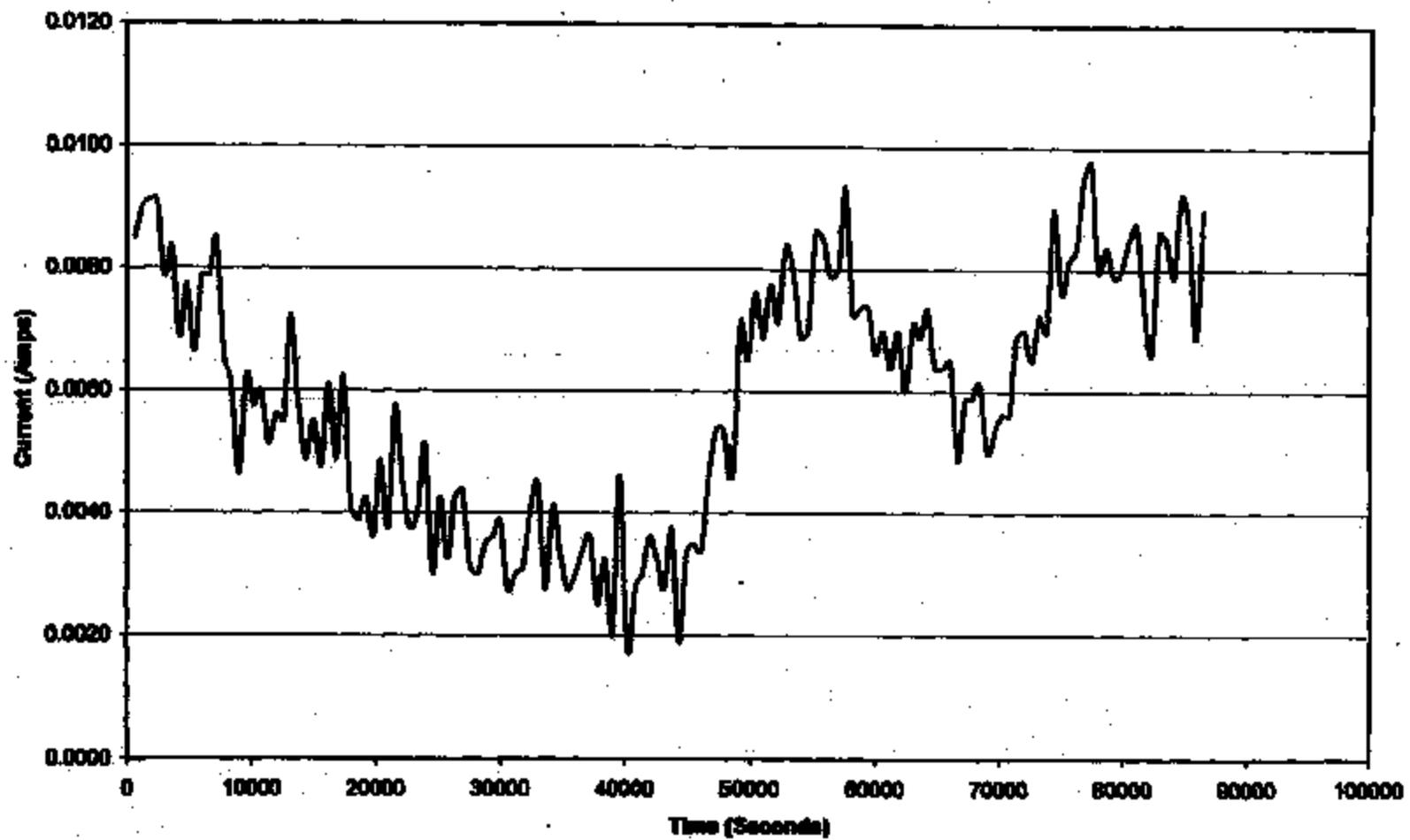
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1973	01	03	08:00
1973	01	04	08:00
1973	01	05	08:00
1973	01	06	08:00
1973	01	07	08:00
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1973	01	11	08:00
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1973	01	14	08:00
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1973	01	17	08:00
1973	01	18	08:00
1973	01	19	08:00
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Terminal Resistance vs. Time
Tap Water Ingress Experiment



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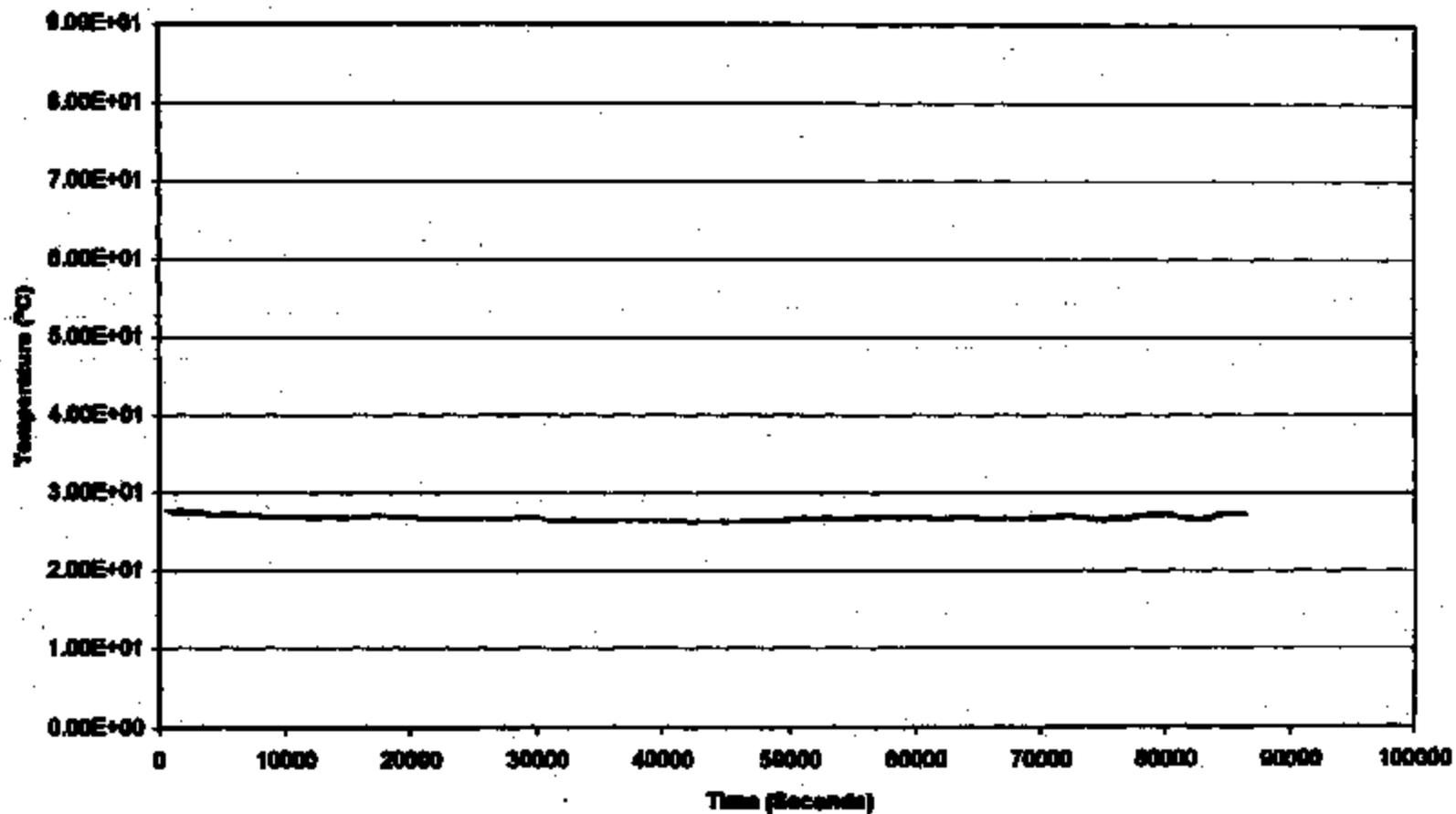
Tap Water Ingress Experiment
Hexport Current vs. Time



TI-NHTSA 013238

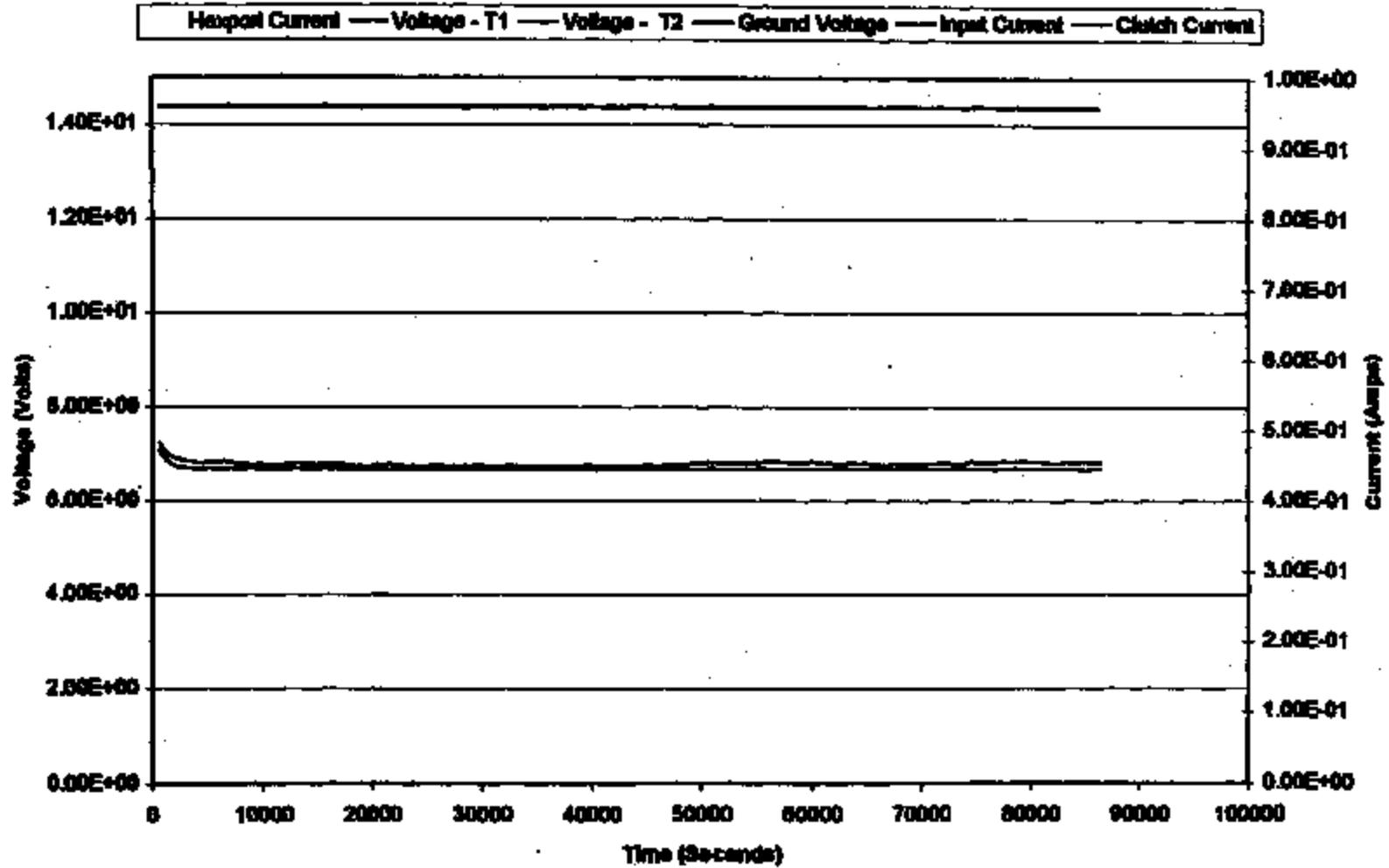
Top Water Ingress Experiment
Temperatures vs. Time

— Top Temp — Bottom Temp — Catch Temp

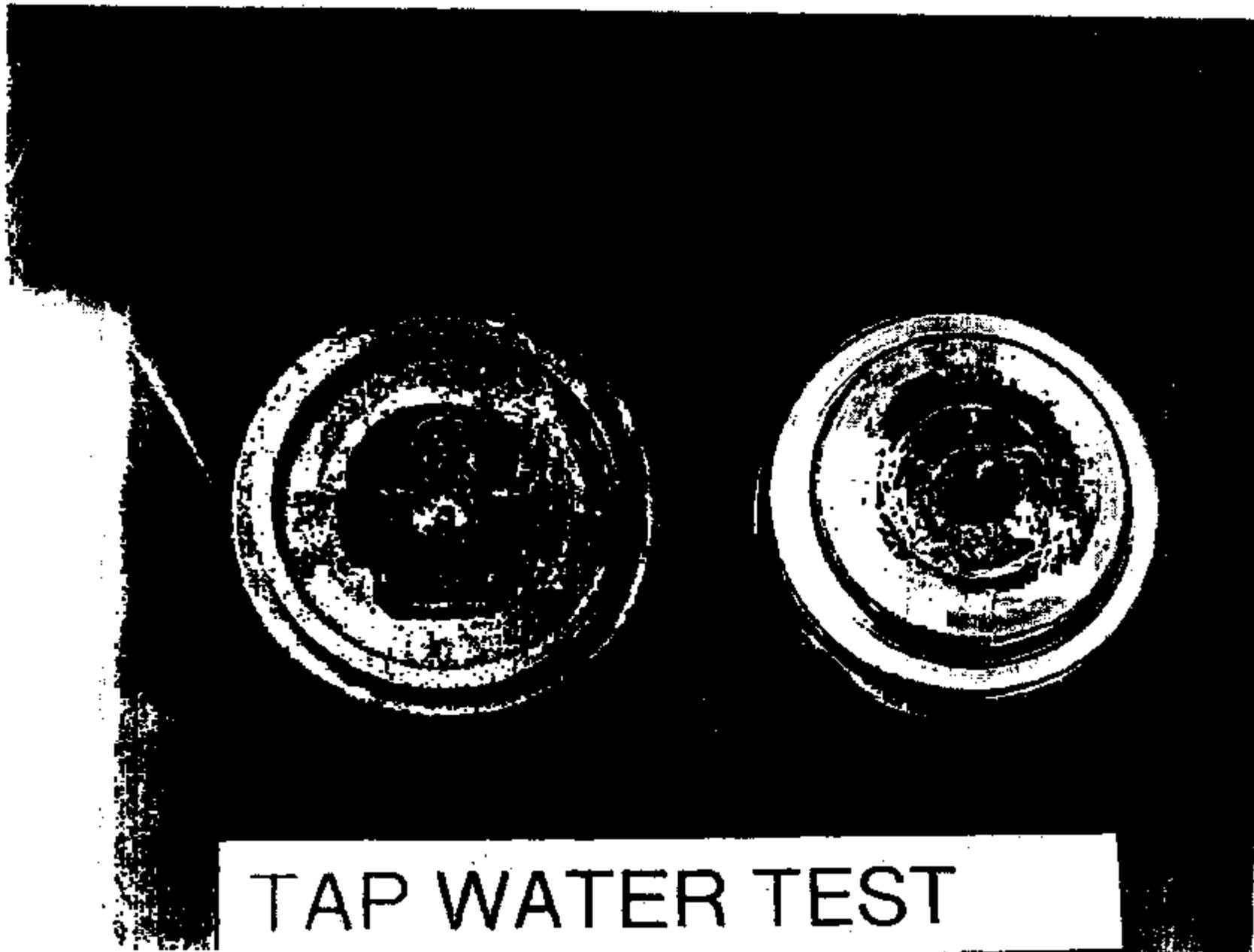


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Tap Water Ingress Experiment



TI-NHT8A 013241

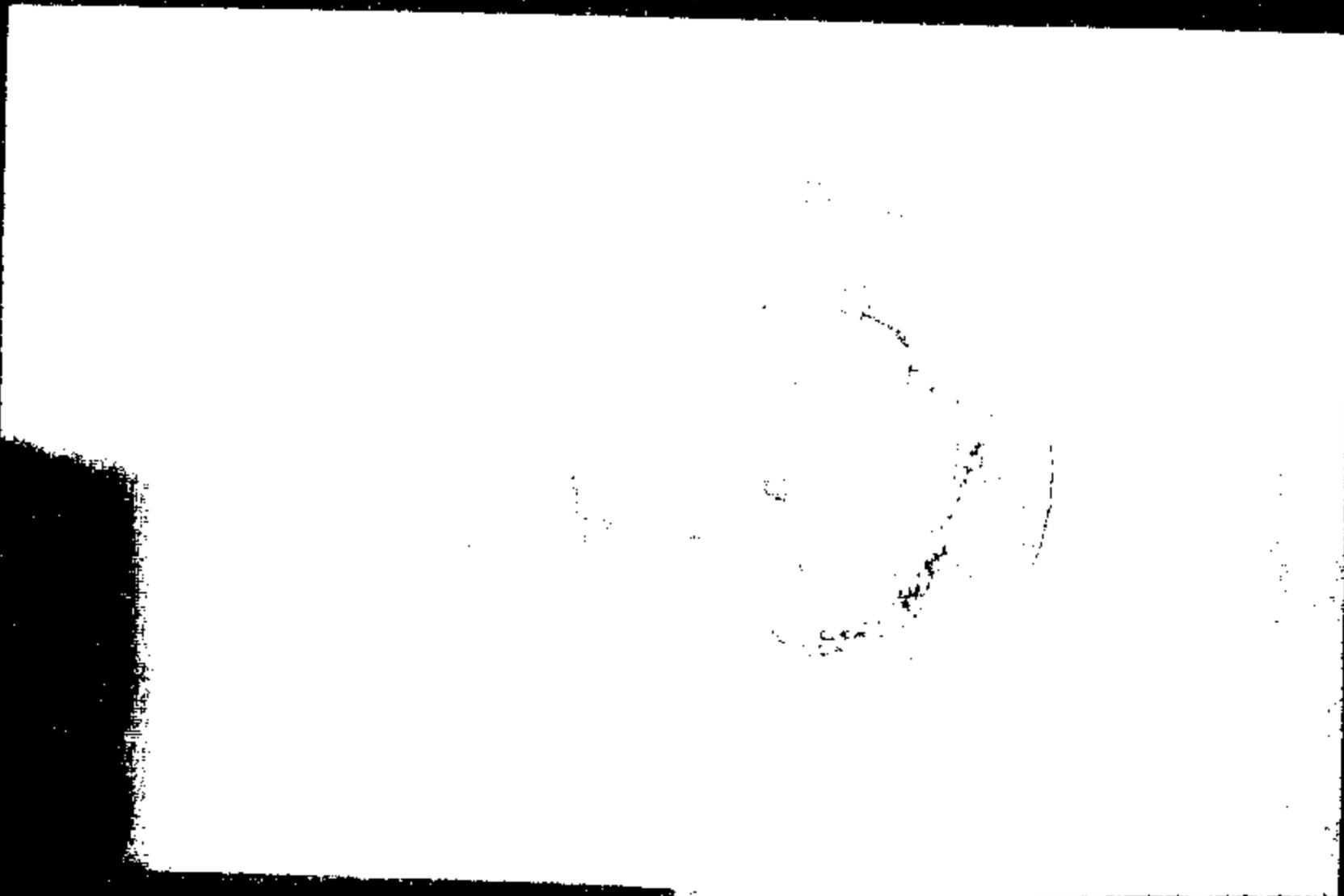


TI-NHTSA 013242



TI-NHTSA 0132A3

TAP WATER TEST



TI-NHT84 013244

TAP WATER TEST