

REVISED HONDA VALIDATION TEST REPORT

Revised Report – 1st Copy
November 06, 2000
Document Number ERL-0164
Thomas Sheridan

Revised Honda Test Report

Document No: ERL 0164

Date: Nov 6, 2000

Prepared By:
Thomas Sheridan

Revised Report 1st copy

Revised Honda Test Report

Product: P-SDI Inflator

Supplier Name: Inflation Systems

Supplier Document No: ERL 0164

Release Date: Nov 6, 2000

Original Honda Test Report Document No: ERL 0099

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Heather Hanis 11/06/00

To: Bill Martin / Kevin Fitzgerald
From: Tom Sheridan
Subject: Corrected Honda Test data

Date: 11-6-00

Summary:

The objective of this cover letter is to point out that the Honda test report has incorrect data, data that cannot be validated, data that was incorrectly labeled, or data that does not exist. Attached for each Honda test group is the original ballistic data from the report. ISI (Inflation Systems Inc) has pulled the original data from the test server and re-plotted all the groups. The findings are attached behind the original.

Attached are appendixes "A" through "H" that were first issued in a test report named, "Honda Validation Test Report". The original report was assembled by engineers from GIO Japan using ISI test data for the express purpose of presenting the P-SDI test results to Honda Japanese Engineers.

Appendix "A"

The baseline deployment testing for the P-SDI inflator was built under EAR 8A249. The test EAR and the test data for EAR8A249A04 -A010 cannot be located. The build EAR 8A249 is labeled as a Huguchi Segmented Burst Tape Study not Baseline units for Honda.

Page 1, labeled Honda PSDI Group 1 (baseline) @ 22°C (AMB) Simultaneous shows (10) deployments. Page 2, shows the correct data, with only (3) deployments A01-A03 not (10) as shown on page 1.

Page 3, labeled Honda PSDI Group 1 (Baseline) @85°C (Hot) Simultaneous. Page 4, shows the correct data, the ballistic traces do not match page 3.

Page 5, labeled Honda PSDI Group 1 (Baseline) @ -35°C (Cold) Simultaneous, shows (3) deployments C01-C03. Page 6, shows the correct data. There are (4) deployments C01-C04 not (3) as shown on page 5. Page 6 shows that the data is 20 ms delays not simultaneous as shown on page 5.

Page 7, labeled Honda PSDI Group 1 (Baseline) @22°C (AMB) 20ms delay & One side only. There are (11) deployments D01- D09, G01, J01. This data cannot be found on the lab server.

Page 8, shows (3) deployments and is labeled Honda PSDI Group 1 (Baseline) @85°C (Hot) 20 ms delay & One side only. This data cannot be found on the lab server.

Page 9, labeled as Honda PSDI Group 1 (baseline) @-35°C (Cold) 20 ms delay & One side only. This data cannot be found on the lab server.

Appendix "B" was the High Temperature Aging Testing, Group 4, for the P-SDI inflator. The inflators were built under EAR 8A360.

Page 1 labeled correctly but shows (3) deployments. Page 2 shows the correct data with (4) deployments instead of (3).

Page 3, labeled Honda PSDI Group 4 (High Temperature Aging Tests) @ 22°C (AMB) 20 ms delay, shows (1) deployment. Page 4 shows the correct data. There are (2) not (1) deployments.

Page 5, labeled Honda PSDI Group 4 (High Temperature Aging Tests) @ -35°C (Cold) Simultaneous, shows (2) deployments. Page 6 shows the correct data. There are (4) deployments not (3). The data does not match.

Page 7, labeled Honda PSDI Group 4 (High Temperature Aging Tests) @ -35°C (Cold) 20ms delay, shows (1) deployment. Page 8 shows the correct data. There are (2) deployments not (1). The data does not match.

Page 9, labeled Honda PSDI Group 4 (High Temperature Aging Tests) @ +85°C (Hot) Simultaneous, shows (3) deployments. Page 10 shows the correct data. There are (4) deployments not (3). The data does not match.

Page 11, labeled Honda PSDI Group 4 (High Temperature Aging Tests) @ +85°C (Hot) 20 ms delay, shows (1) deployment. Page 12 shows the correct data. There are (3) deployments not (1). The data does not match.

Appendix "C" was the Low Temperature Aging Tests, Group 5, for the P-SDI inflator. The inflators were built under EAR 8A368.

Page 1, labeled Honda PSDI Group 5 (Low Temperature Aging Tests) @ 22°C (AMB) Simultaneous, shows (3) deployments. Page 2 shows the correct data. There are (6) deployments not (3). Some of the data does not match.

Page 3 labeled Honda PSDI Group 5 (Low Temperature Aging Tests) @ 22°C (AMB) 20 ms delay, shows (1) deployment. Page 4 shows the correct data. There are (3) deployments not (1). The data does not match.

Page 5, labeled Honda PSDI Group 5 (Low Temperature Aging Tests) @ -35°C (Cold) Simultaneous, shows (3) deployments. Page 6 shows the correct data. There are (4) deployments not (3). Some of the data does not match.

Page 7, labeled Honda PSDI Group 5 (Low Temperature Aging Tests) @ -35°C (Cold) 20 ms delay, shows (1) deployment. Page 8 shows the correct data. There are (3) deployments not (1). Some of the data does not match.

Page 9, labeled Honda PSDI Group 5 (Low Temperature Aging Tests) @ 85°C (Hot) Simultaneous, shows (3) deployments. Page 2 shows the correct data. There are (4) deployments not (3). The data does not match.

Page 11, labeled Honda PSDI Group 5 (Low Temperature Aging Tests) @ 85°C (Hot) 20ms delay, shows (1) deployment. Page 2 shows the correct data. There are (3) deployments not (1). The data does not match.

Appendix "D" was the Vibration Tests, Group 6, for the P-SDI inflator. The inflators were built under EAR 8A358.

Pages 1 through 6, are correct data and can be validated.

Appendix "E" was the Vibration/Thermal Cycle Tests Group 7 for the P-SDI inflator. The inflators were built under EAR 8A292.

Page 1, labeled Honda PSDI Group 7 (Vibration & Thermal Cycle) @ 22°C (AMB) Simultaneous, shows (3) deployments. Page 2 shows the correct data. There are (5) deployments not (3). Some of the data does not match.

Page 3, labeled Honda PSDI Group 7 (Vibration & Thermal Cycle) @ 22°C (AMB) 20ms delay, shows (1) deployment. Page 4 shows the correct data. There are (2) deployments not (1). The data does not match.

Page 5, labeled Honda PSDI Group 7 (Vibration & Thermal Cycle) @ -35°C (Cold) Simultaneous shows (3) deployments. Page 6 shows the correct data. The data does not match.

Page 7, labeled Honda PSDI Group 7 (Vibration & Thermal Cycle) @ -35°C (Cold) 20 ms delay, shows (1) deployment. The data does not match.

Page 8, labeled Honda PSDI Group 7 (Vibration & Thermal Cycle) @ 85°C (Hot) Simultaneous, shows (3) deployments. Page 9 shows the correct data. There is (1) deployment not (1). The data does not match.

Page 10, labeled Honda PSDI Group 7 (Vibration & Thermal Cycle) @ 85°C (Hot) 20 ms delay, shows (1) deployment.

Appendix "F" was the Vibration/Moisture/Thermal Cycle Tests, Group 8, for the P-SDI inflator. The inflators were built under EAR 8A298.

Page 1, labeled Honda PSDI Group 8 (Vibration/Thermal Cycle/moisture) @ 22°C (AMB) Simultaneous, shows (3) deployments. Page 2 shows the correct data. The data does not match.

Page 3, labeled Honda PSDI Group 8 (Vibration/Thermal Cycle/moisture) @ 22°C (AMB) 20ms delay, shows (1) deployment. Page 4 shows the correct data. The data does not match.

Page 5, labeled Honda PSDI Group 8 (Vibration/Thermal Cycle/moisture) @ -35°C (Cold) Simultaneous, shows (3) deployments. Page 6 shows the correct data. The data does not match.

Page 7, labeled Honda PSDI Group 8 (Vibration/Thermal Cycle/moisture) @ -35°C (Cold) 20ms delay, shows (1) deployment. Page 8 shows the correct data. The data does not match.

Page 9, labeled Honda PSDI Group 8 (Vibration/Thermal Cycle/moisture) @ 85°C (Hot) Simultaneous, shows (3) deployments. Page 10 shows the correct data. There are (4) deployments. The data does not match. Also, E01 had a pressure vessel failure that was reported as a normal deployment.

Page 11, labeled Honda PSDI Group 8 (Vibration/Thermal Cycle/moisture) @ 85°C (Hot) 20 ms delay and shows (1) deployment. Page 12 shows the correct data. The data does not match. In Addition, F01 had a pressure vessel failure that was reported as a normal deployment.

Appendix "G" was the Vibration/Thermal Shock Tests, Group 9, for the P-SDI inflator. The inflators were built under EAR 8A359.

Page 1, labeled Honda PSDI Group 9 (Vibration/Thermal Shock) @ 22°C (AMB) Simultaneous, shows (3) deployments. Page 2 shows the correct data. There are (4) deployments. The data does not match. 8A359A01 data is not on the server. 8A359A03 was a misfire.

Page 3, labeled Honda PSDI Group 9 (Vibration/Thermal Shock) @ 22°C (AMB) 20ms delay, shows (1) deployment. Page 4 shows the correct data. The data does not match.

Page 5, labeled Honda PSDI Group 9 (Vibration/Thermal Shock) @ -35°C (Cold) Simultaneous, shows (3) deployments. Page 6 shows the correct data. The data does not match. In Addition, CO3 had a pressure vessel failure, but was reported as a normal deployment.

Page 7, labeled Honda PSDI Group 9 (Vibration/Thermal Shock) @ -35°C (Cold) 20ms delay, shows (1) deployment. Page 8 shows the correct data. The data does not match.

Page 9, labeled Honda PSDI Group 9 (Vibration/Thermal Shock) @ 85°C (hot) Simultaneous, shows (3) deployments. Page 10 shows the correct data. The data does not match.

Page 11, labeled Honda PSDI Group 9 (Vibration/Thermal Shock) @ 85°C (Hot) 20ms delay, shows (1) deployment. This data is correct and can be validated.

Appendix "H" was the Drop Tests, Group 10, for the P-SDI inflator. The inflators were built under EAR 8A369.

Page 1, labeled Honda PSDI Group 10 (Drop Test) @ 22°C (AMB) Simultaneous, shows (3) deployments. Page 2 shows the correct data. The data does not match.

Page 3, labeled Honda PSDI Group 10 (Drop Test) @ 22°C (AMB) 20 ms delay, shows (1) deployment. Page 4 shows (4) deployments not (1). The data does not match.

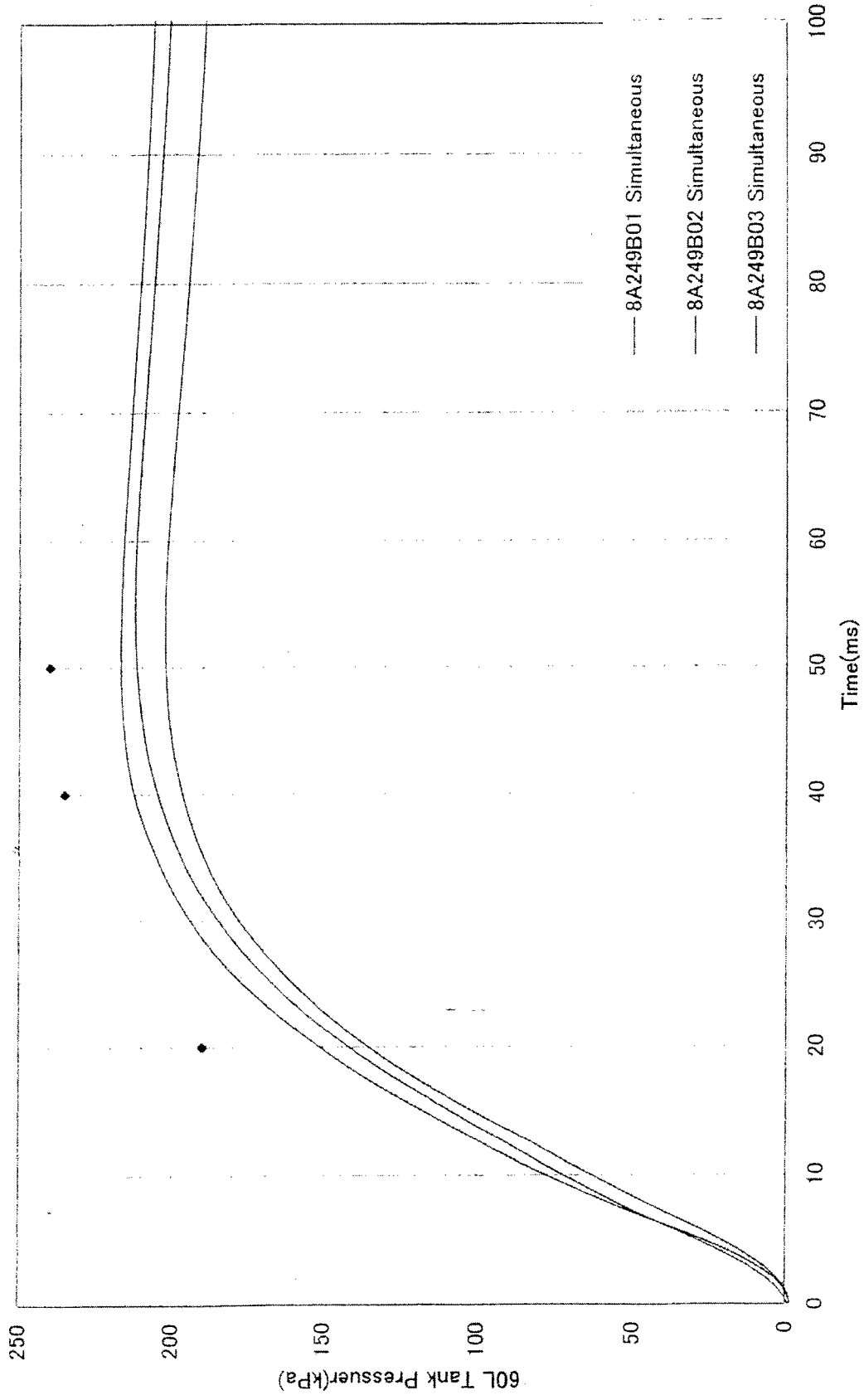
Page 5, labeled Honda PSDI Group 10 (Drop Test) @ -35°C (Cold) simultaneous, shows (3) deployments. Page 6 shows the correct data. The data does not match.

Page 7, labeled Honda PSDI Group 10 (Drop Test) @ -35°C (Cold) 20 ms delay, shows (1) deployment. Page 8 shows (3) deployments not (1). The data does not match.

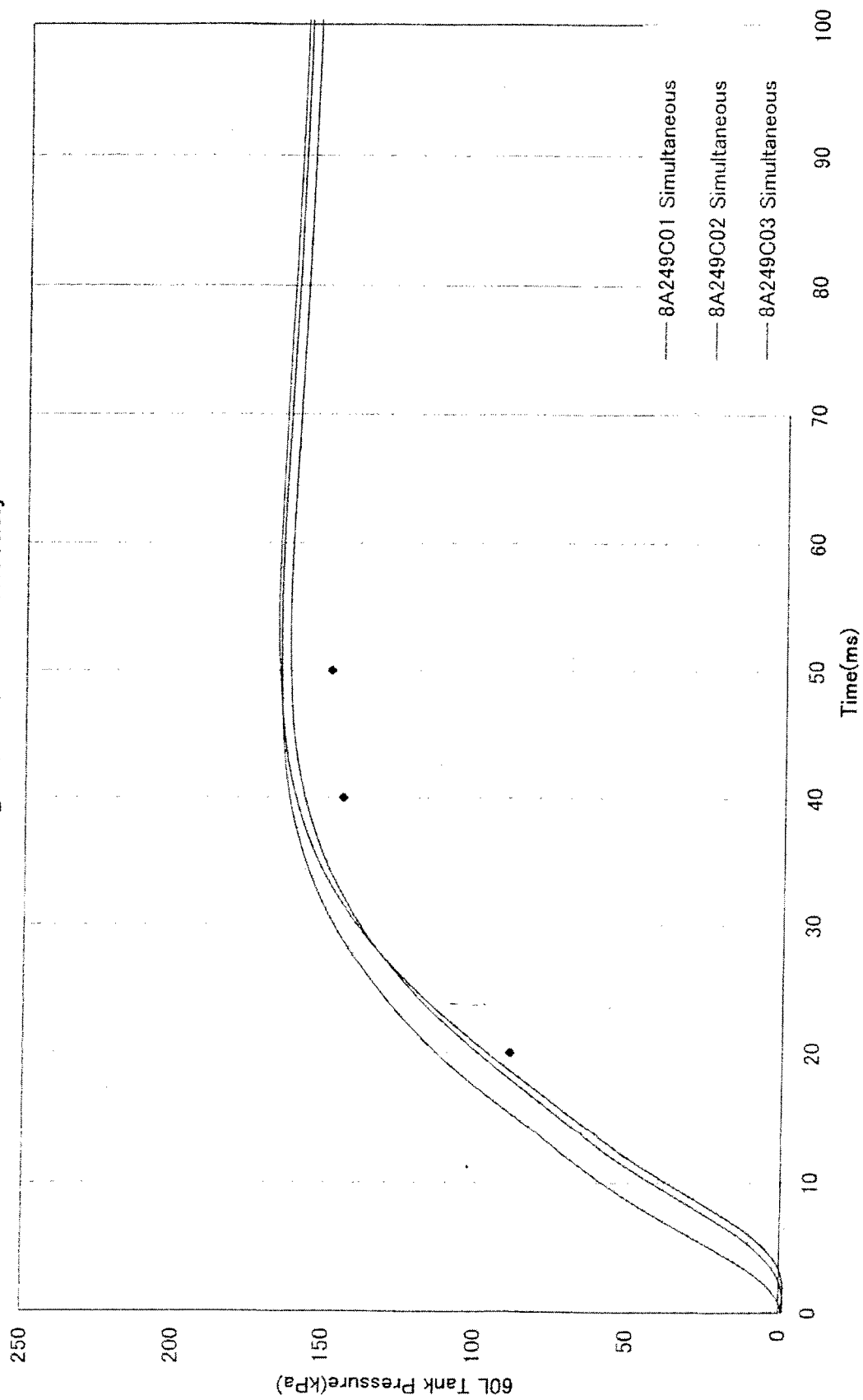
Page 9, labeled Honda PSDI Group 10 (Drop Test) @ 85°C (hot) Simultaneous, shows (3) deployments. This data is correct and can be validated.

Page 10, labeled Honda PSDI Group 10 (Drop Test) @ 85°C (Hot) 20 ms delay, shows (1) deployment. Page 11 shows the correct data. The data does not match.

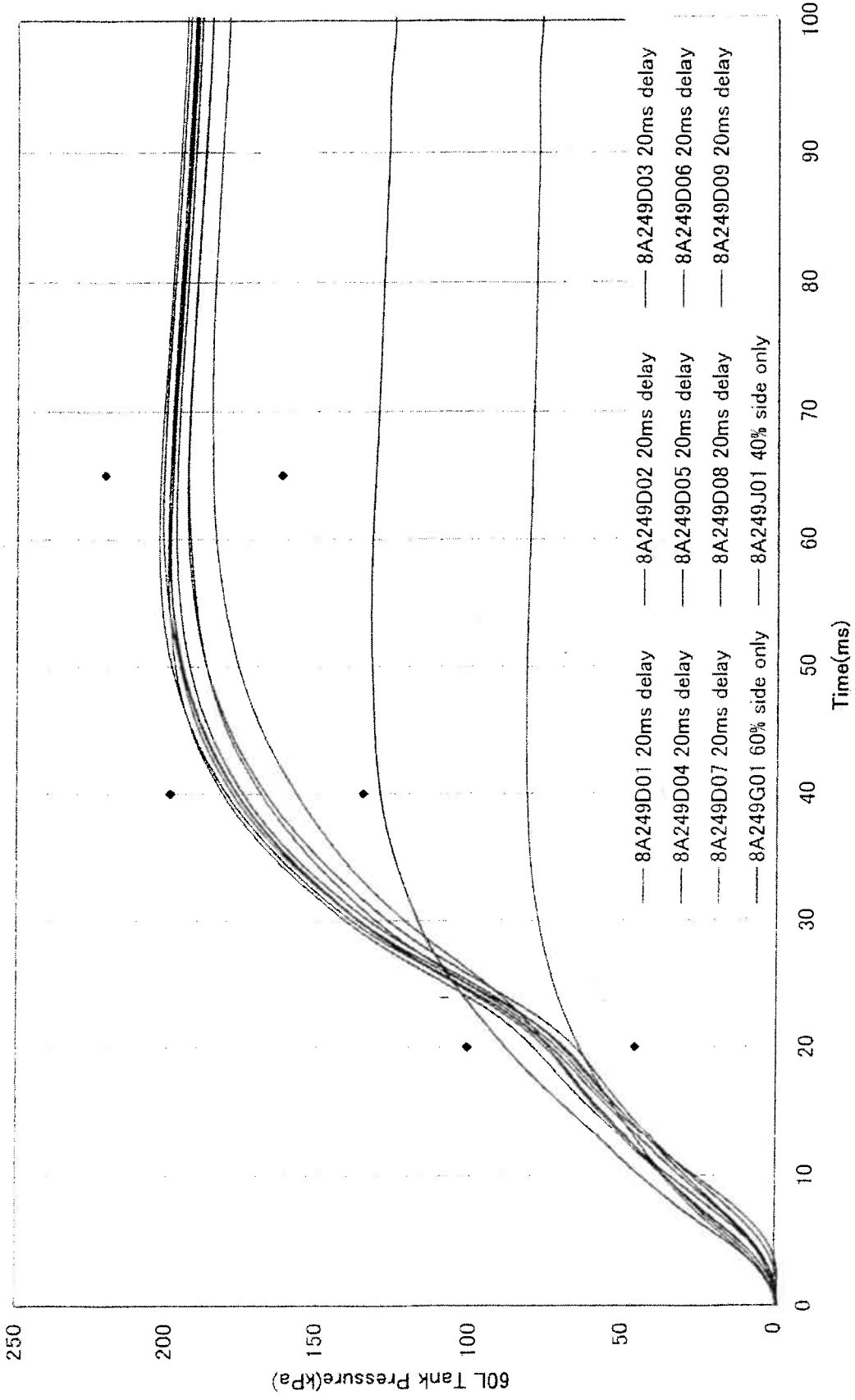
HONDA PSDI Group1 (Baseline)
@+85 deg.C (Hot) Simultaneously



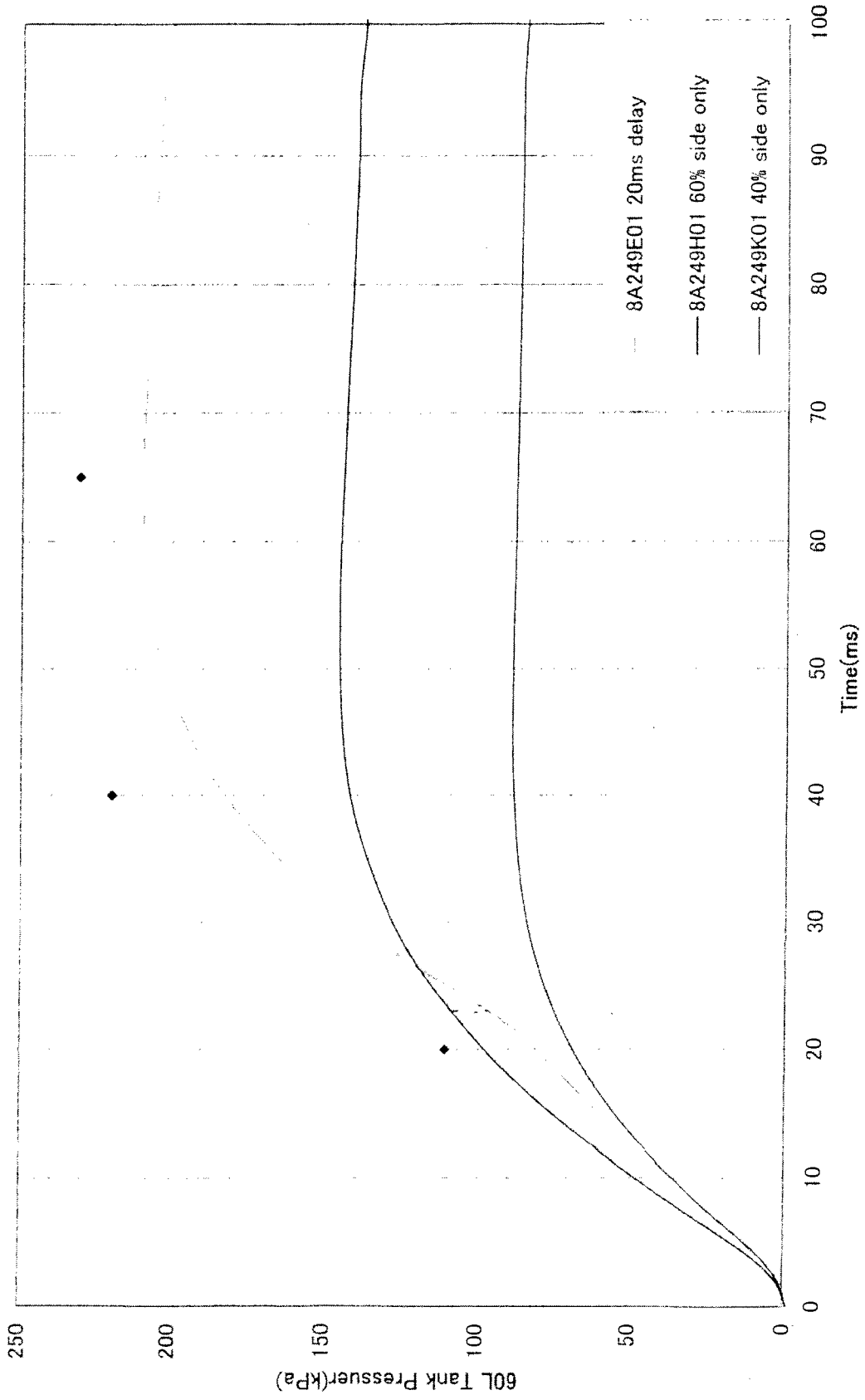
HONDA PSDI Group 1 (Baseline)
@-35 deg.C (Cold) Simultaneously



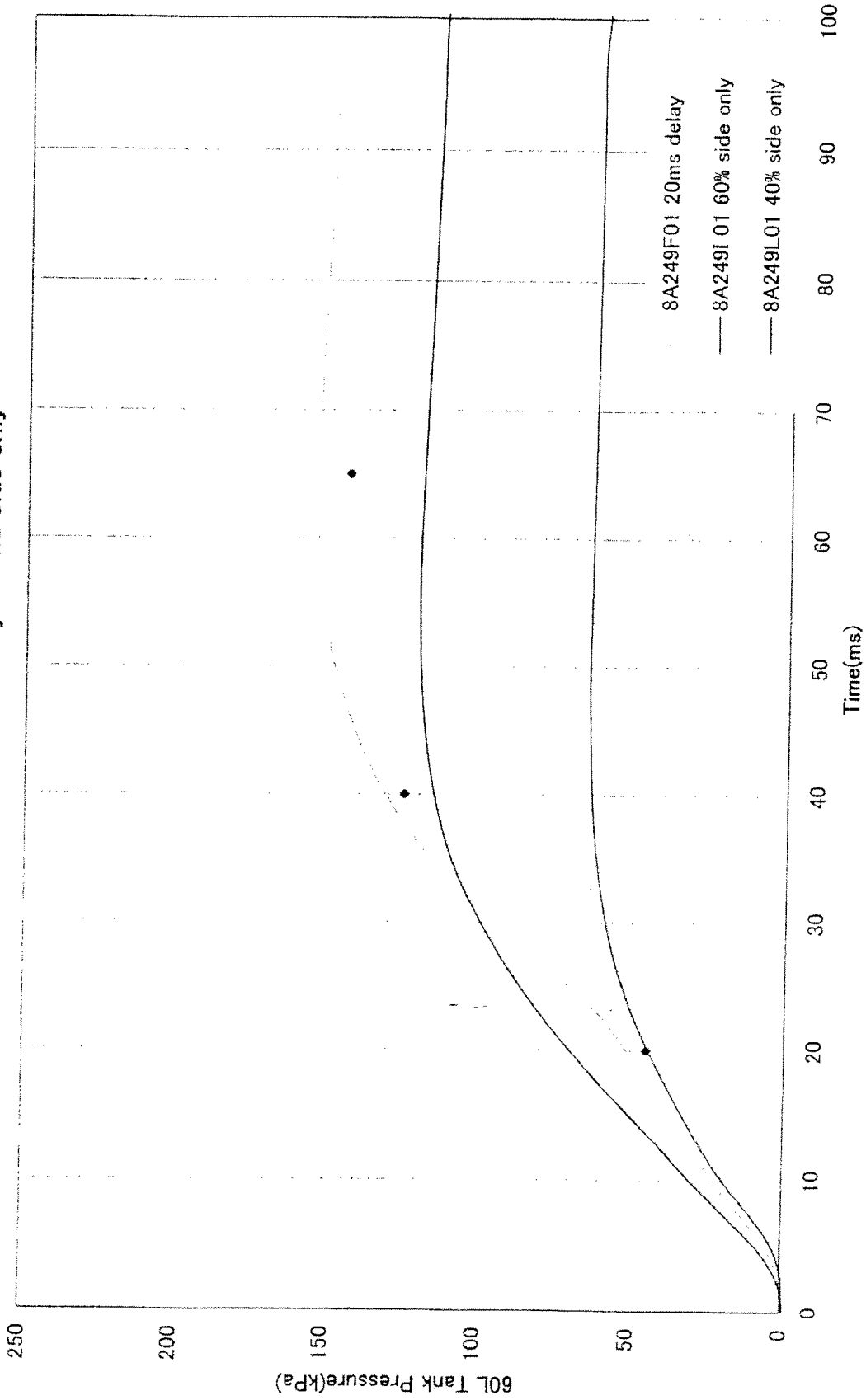
HONDA PSDI Group 1 (Baseline)
@+22 deg.C (Amb) 20ms delay & One side only



HONDA PSDI Group1 (Baseline)
@+85 deg.C (Hot) 20ms delay & One side only

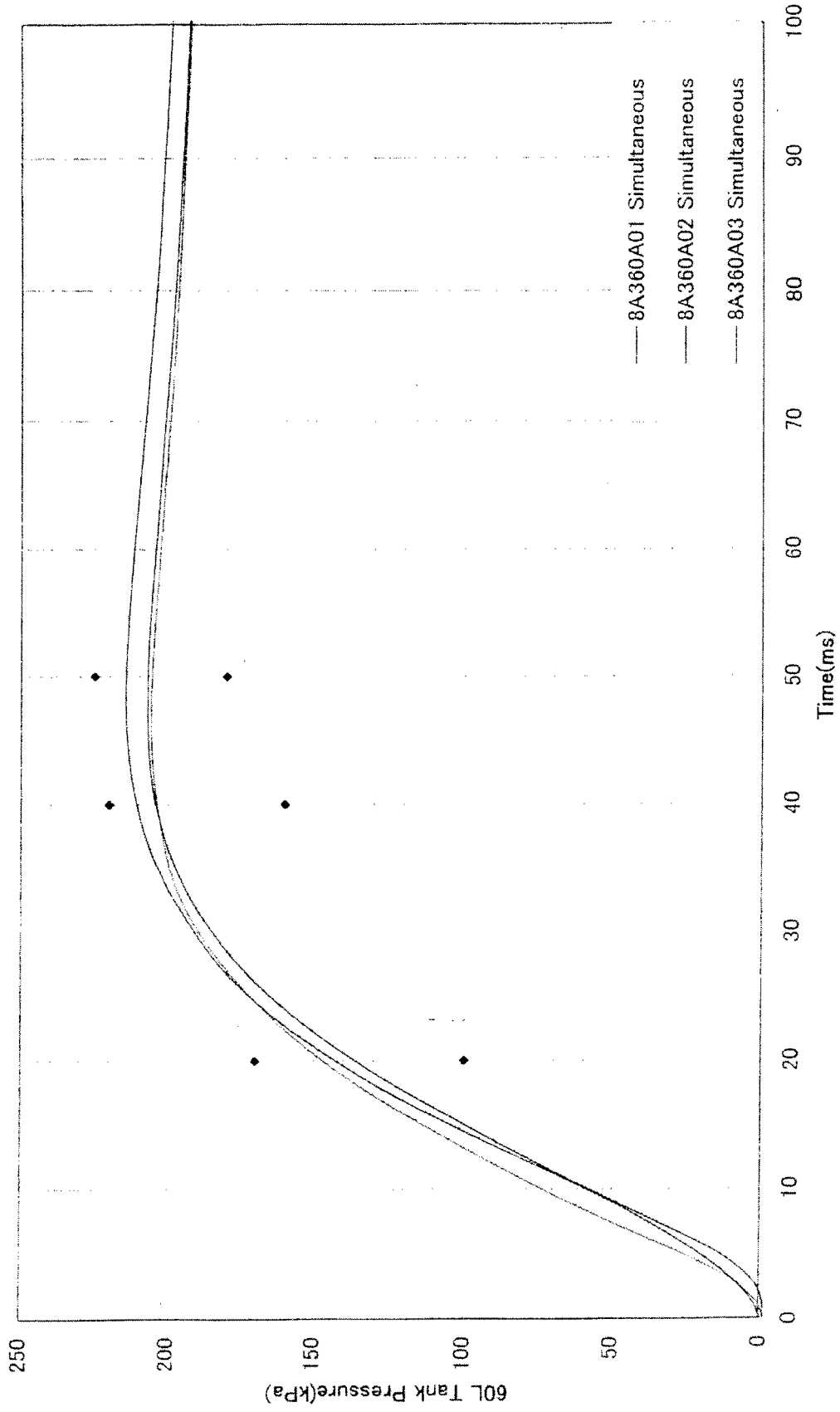


HONDA PSDI Group 1 (Baseline)
@-35 deg.C (Cold) 20ms delay & One side only

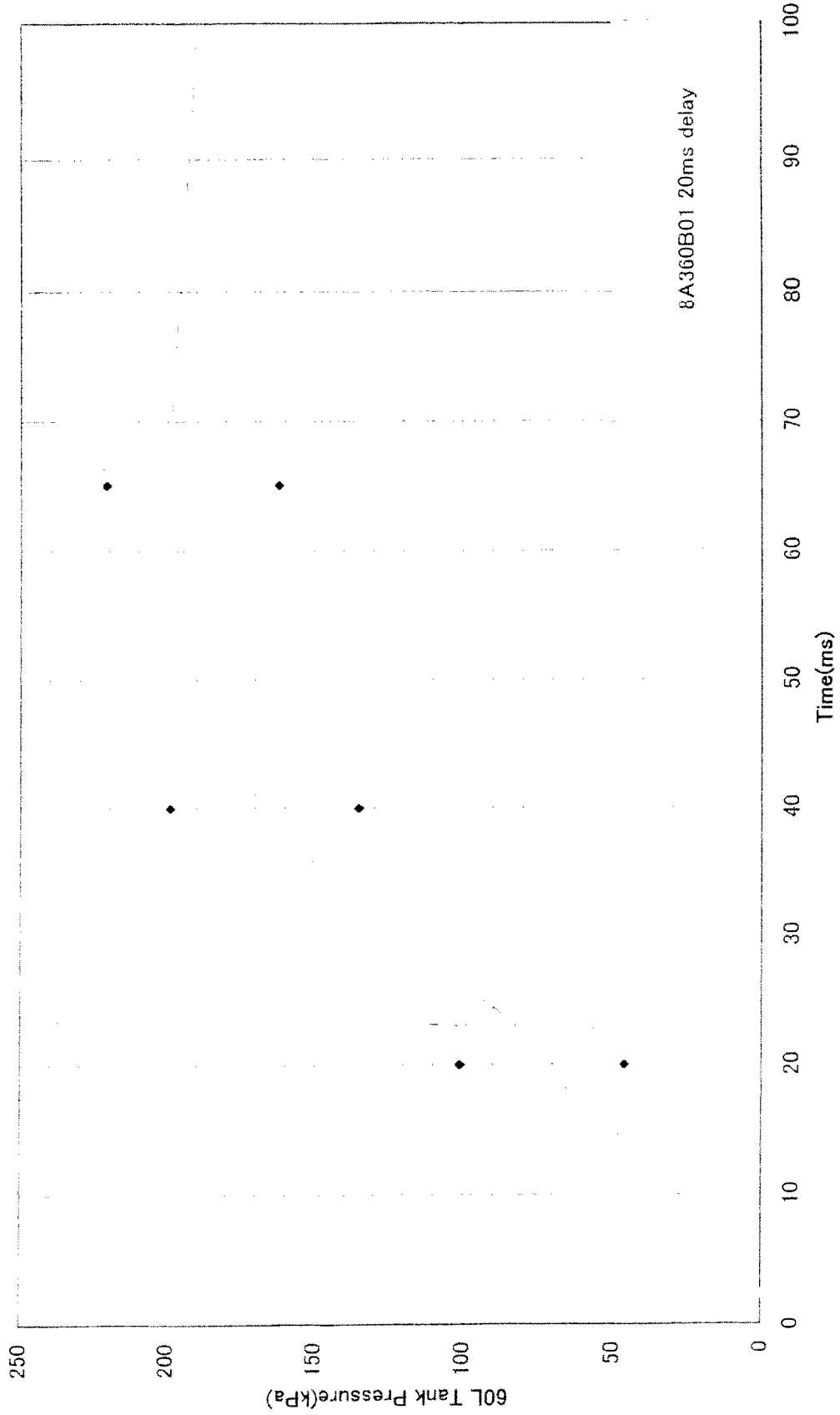


APPENDIX B
Group 4 HIGH TEMP. AGING

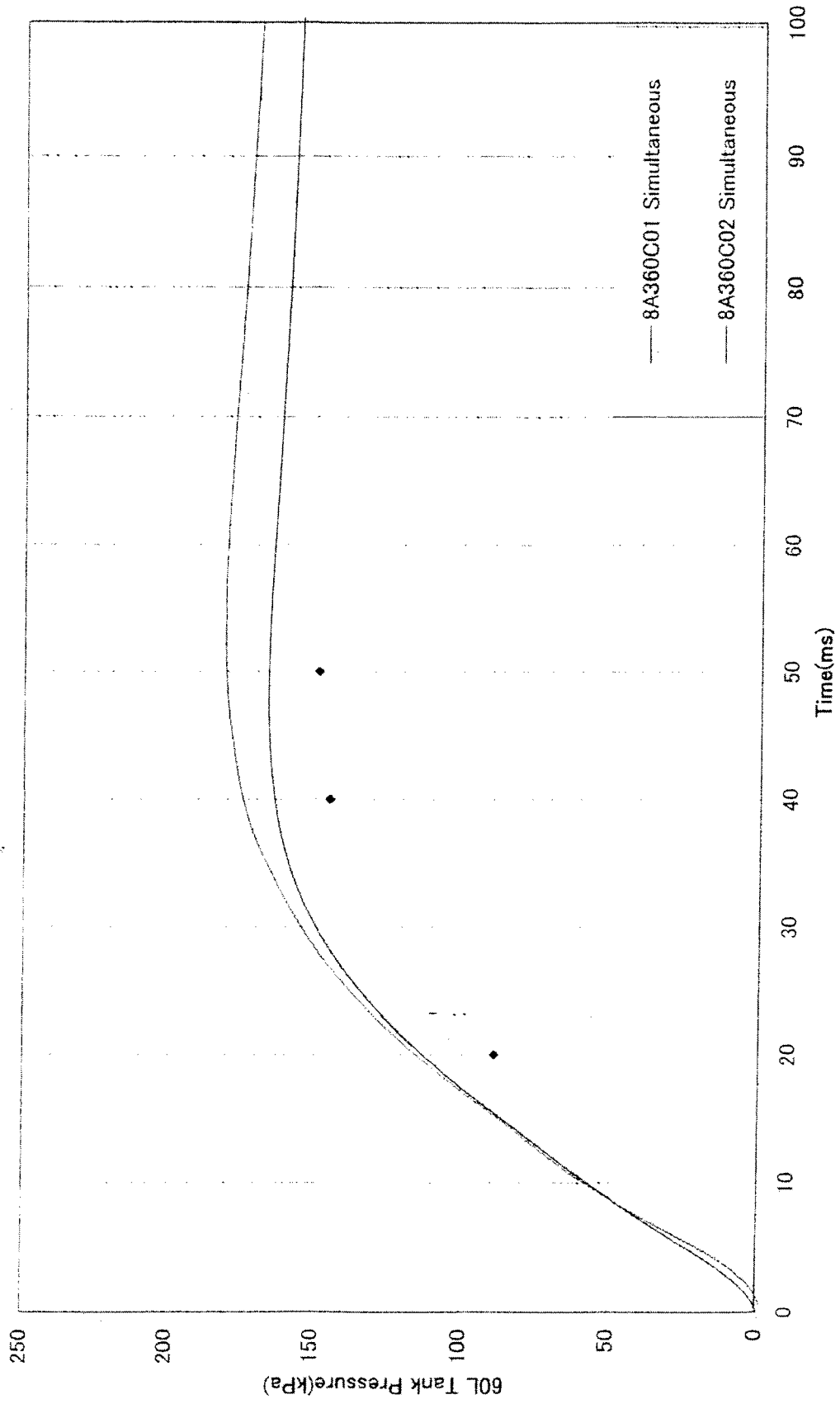
HONDA PSDI Group 4 (High Temperature Aging Test)
@+22 deg.C (Amb) Simultaneously



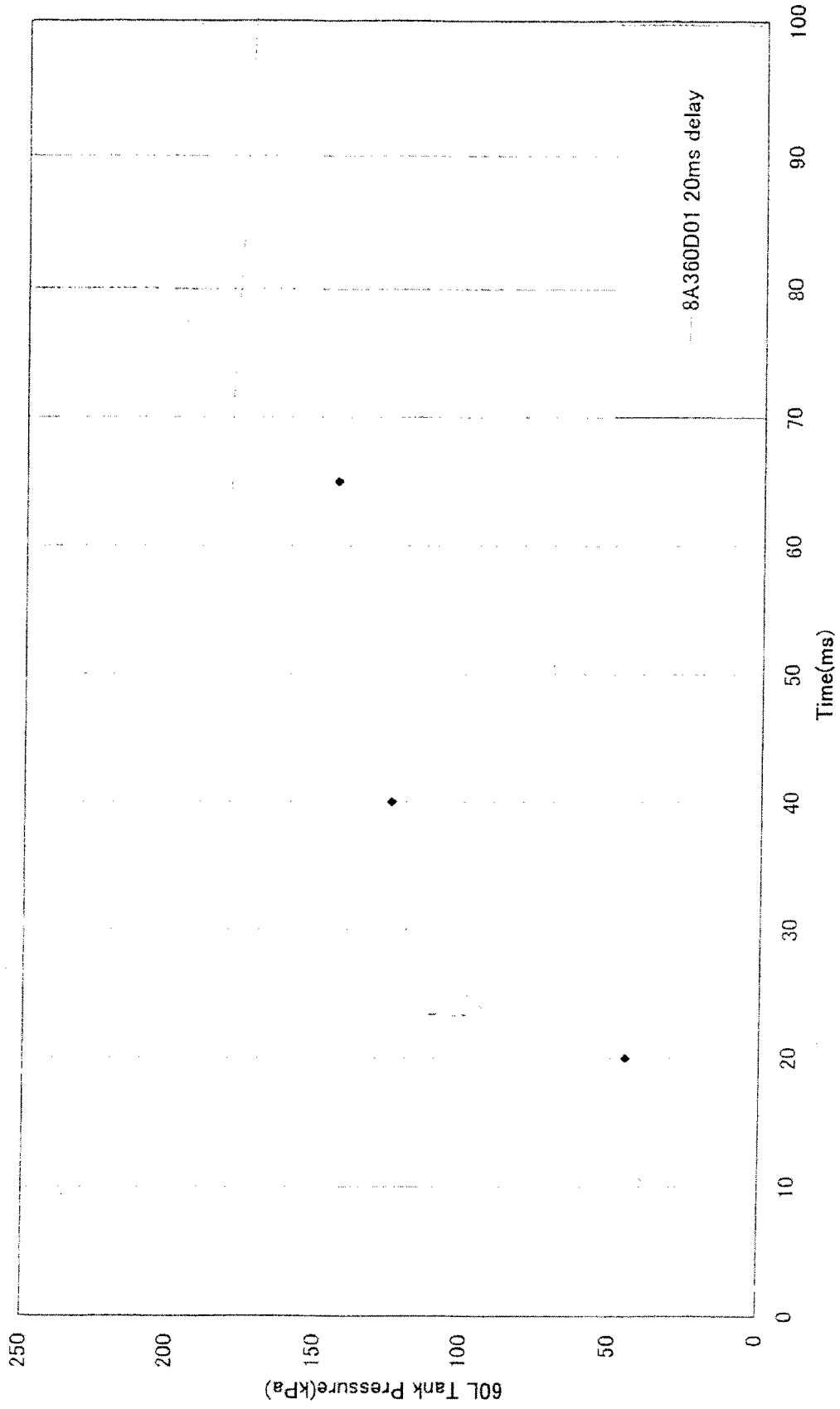
HONDA PSDI Group 4 (High Temperature Aging Test)
@+22 deg.C (Amb) 20ms delay



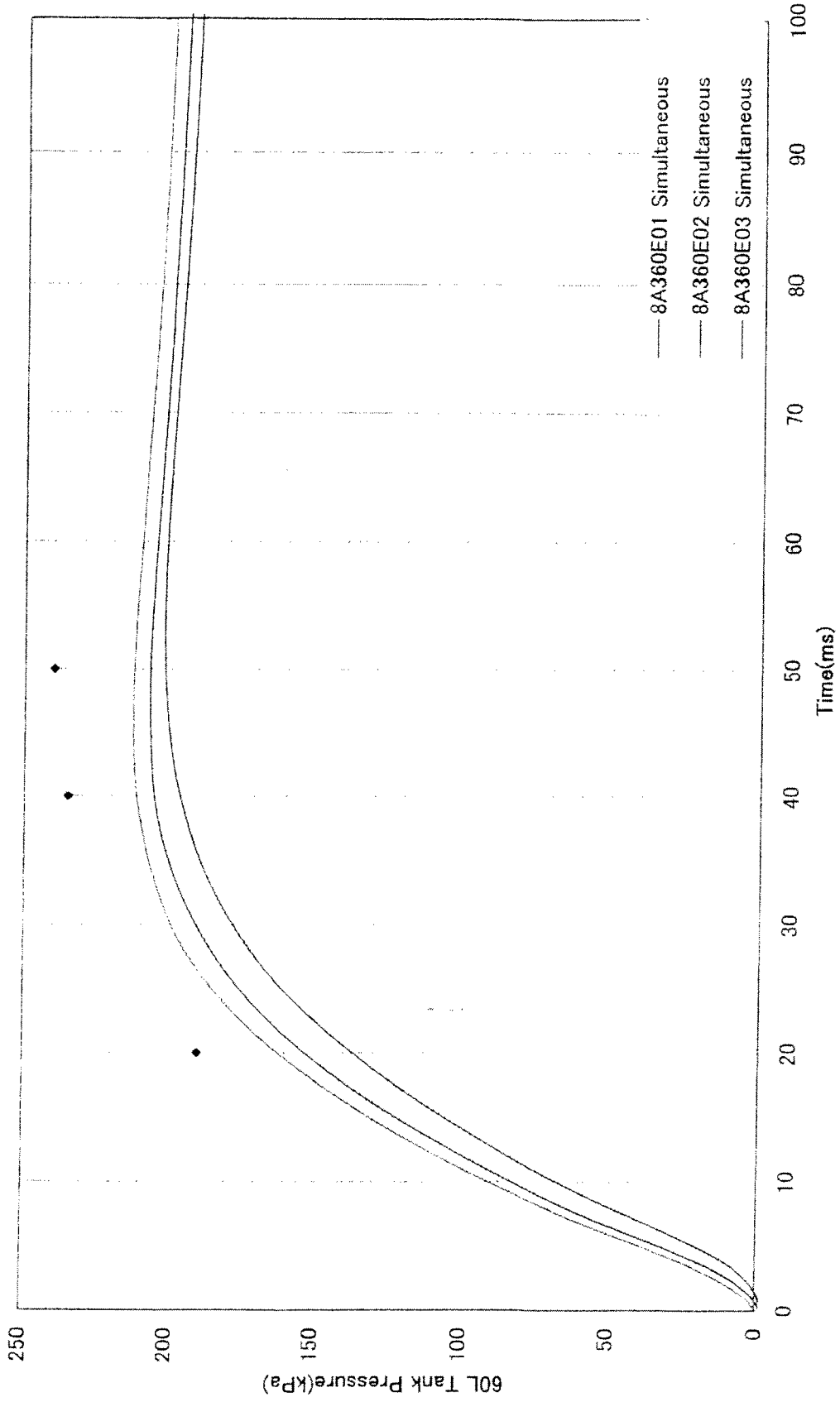
HONDA PSDI Group 4 (High Temperature Aging Test)
@-35 deg.C (Cold) Simultaneously



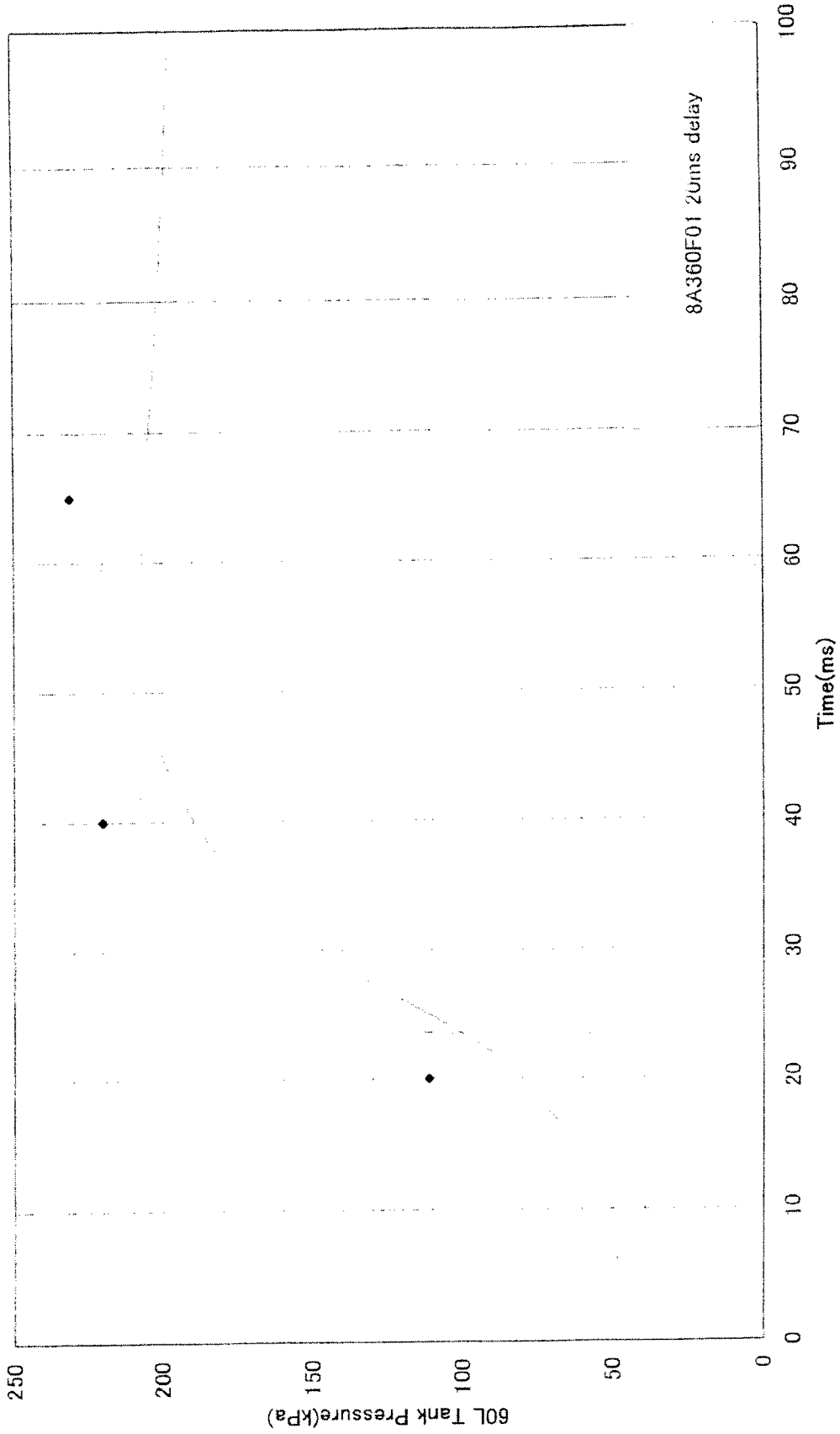
HONDA PSDI Group 4 (High Temperature Aging Test)
@-35 deg.C (Cold) 20ms delay



HONDA PSDI Group 4 (High Temperature Aging Test)
@+85 deg.C (Hot) Simultaneously

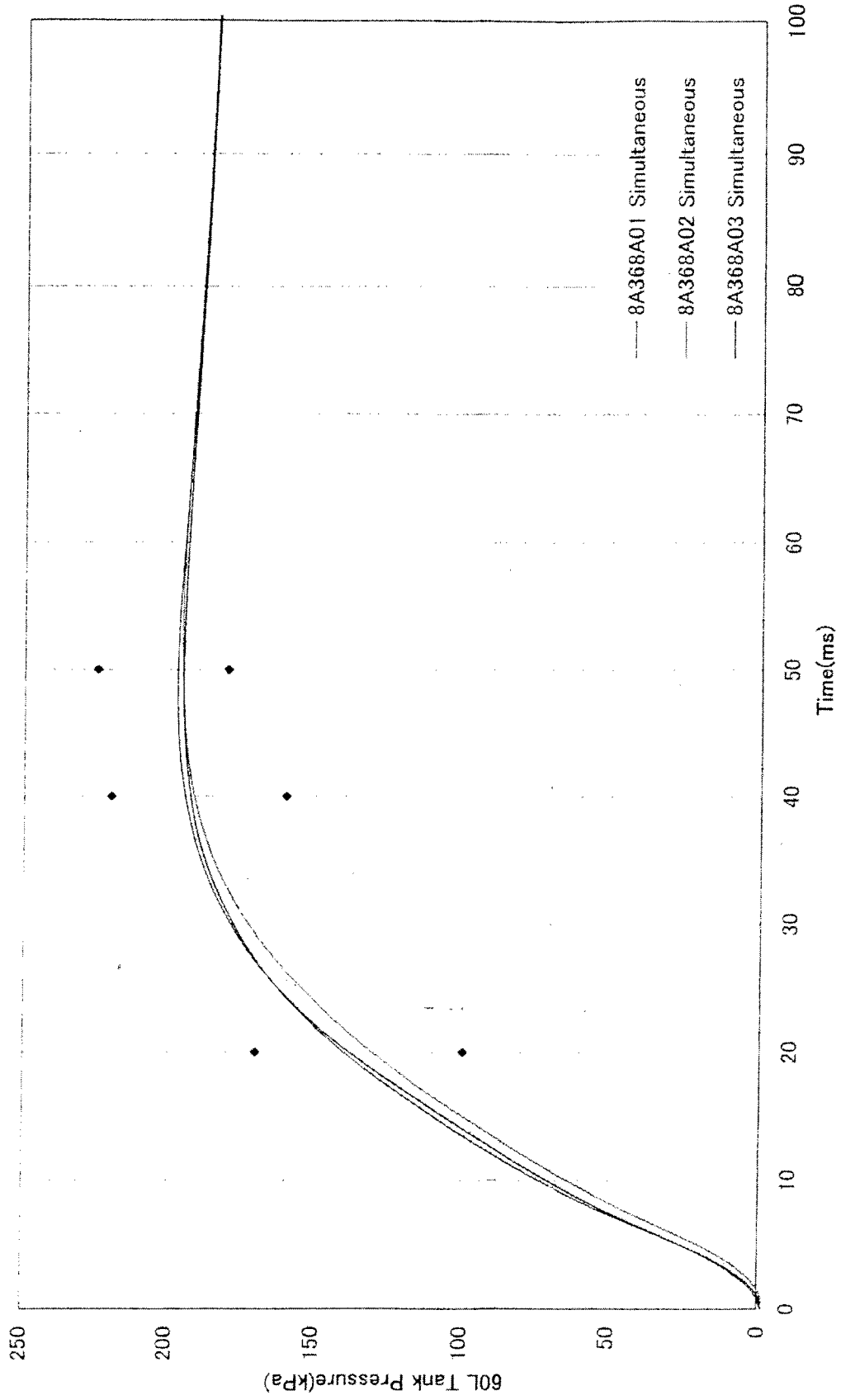


HONDA PSDI Group 4 (High Temperature Aging Test)
@+85 deg.C (Hot) 20ms delay

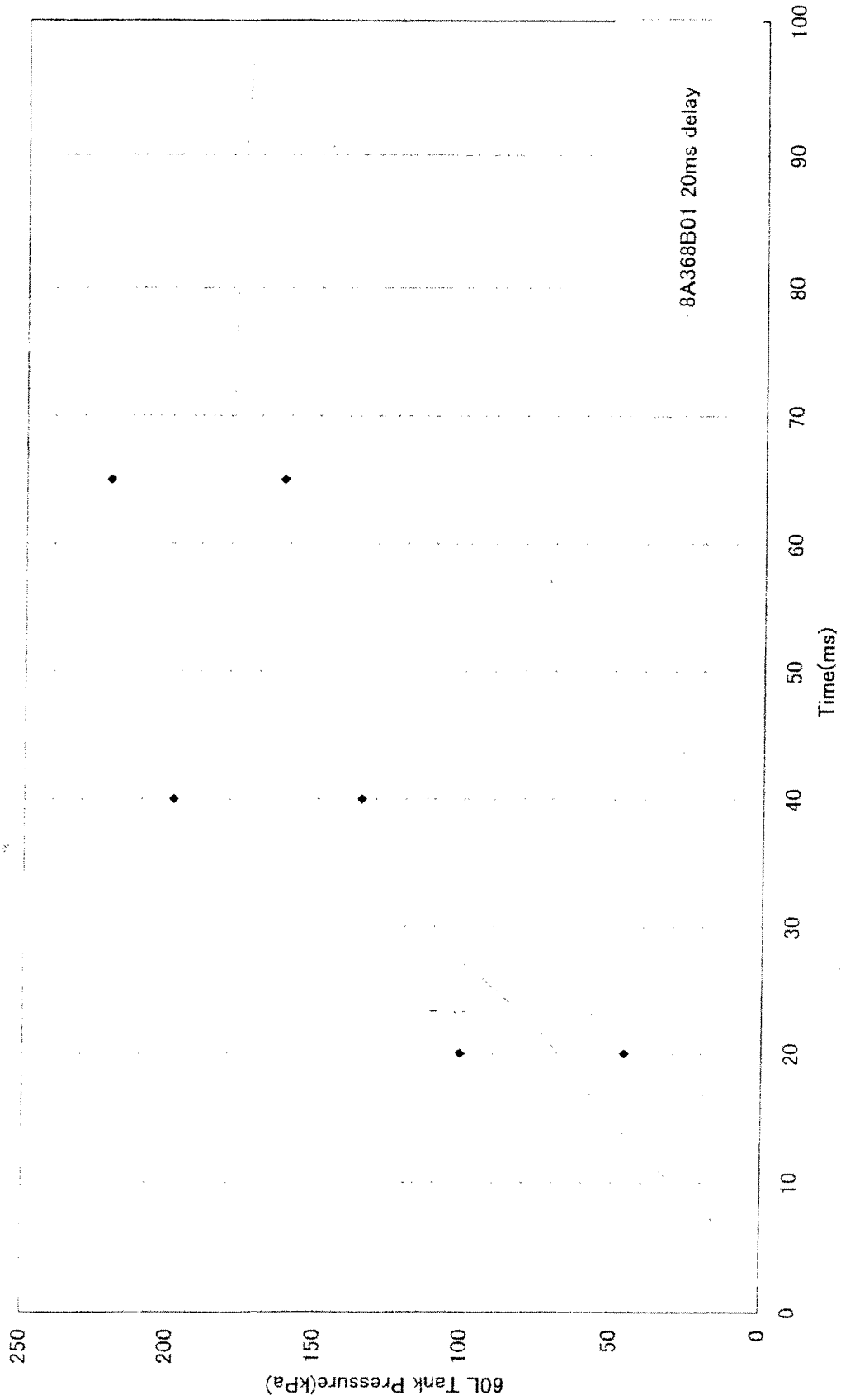


APPENDIX C
Group 5 LOW TEMP. AGING

HONDA PSDI Group 5 (Low Temperature Aging Test)
@+22 deg.C (Amb) Simultaneously

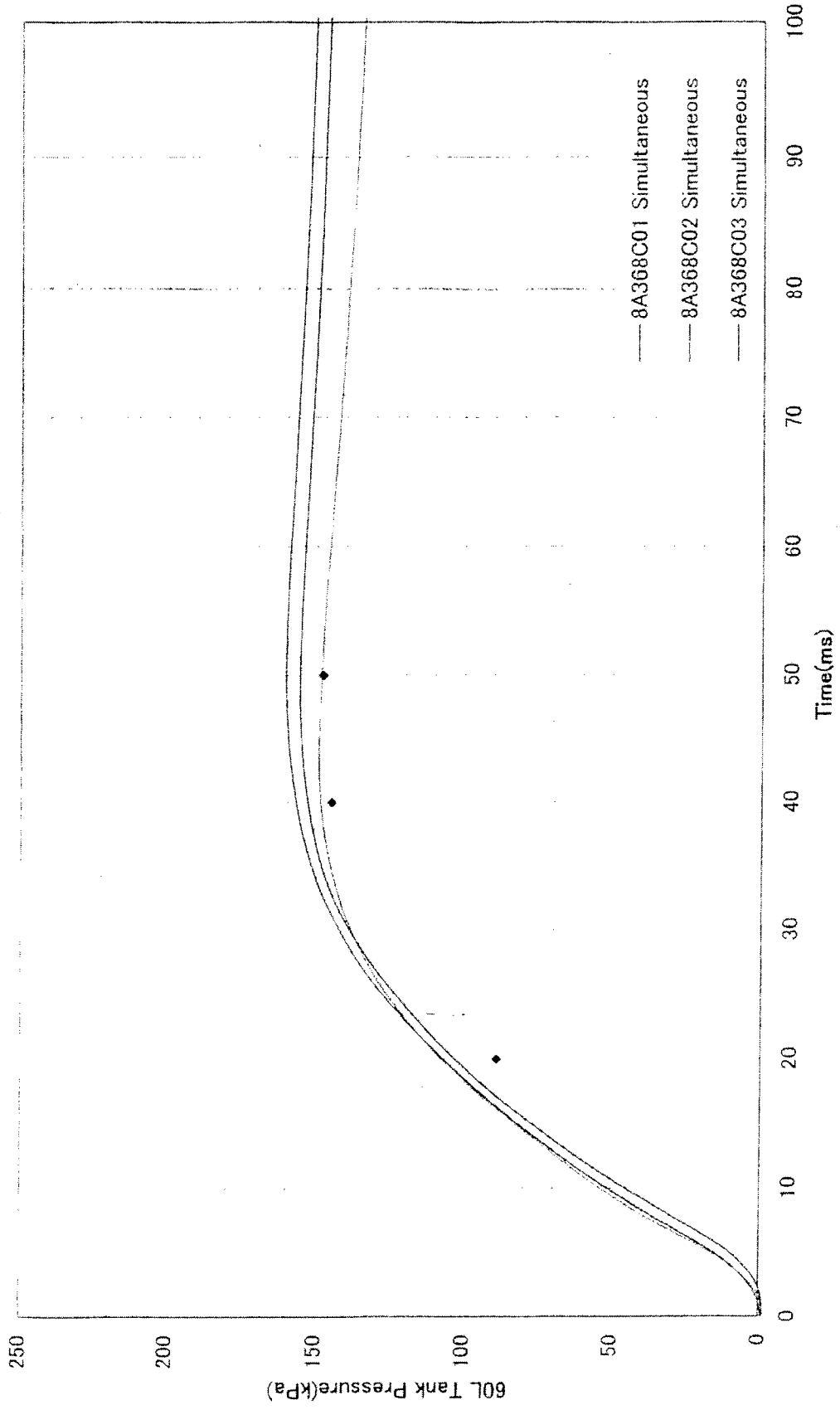


HONDA PSDI Group 5 (Low Temperature Aging Test)
@+22 deg.C (Amb) 20ms delay

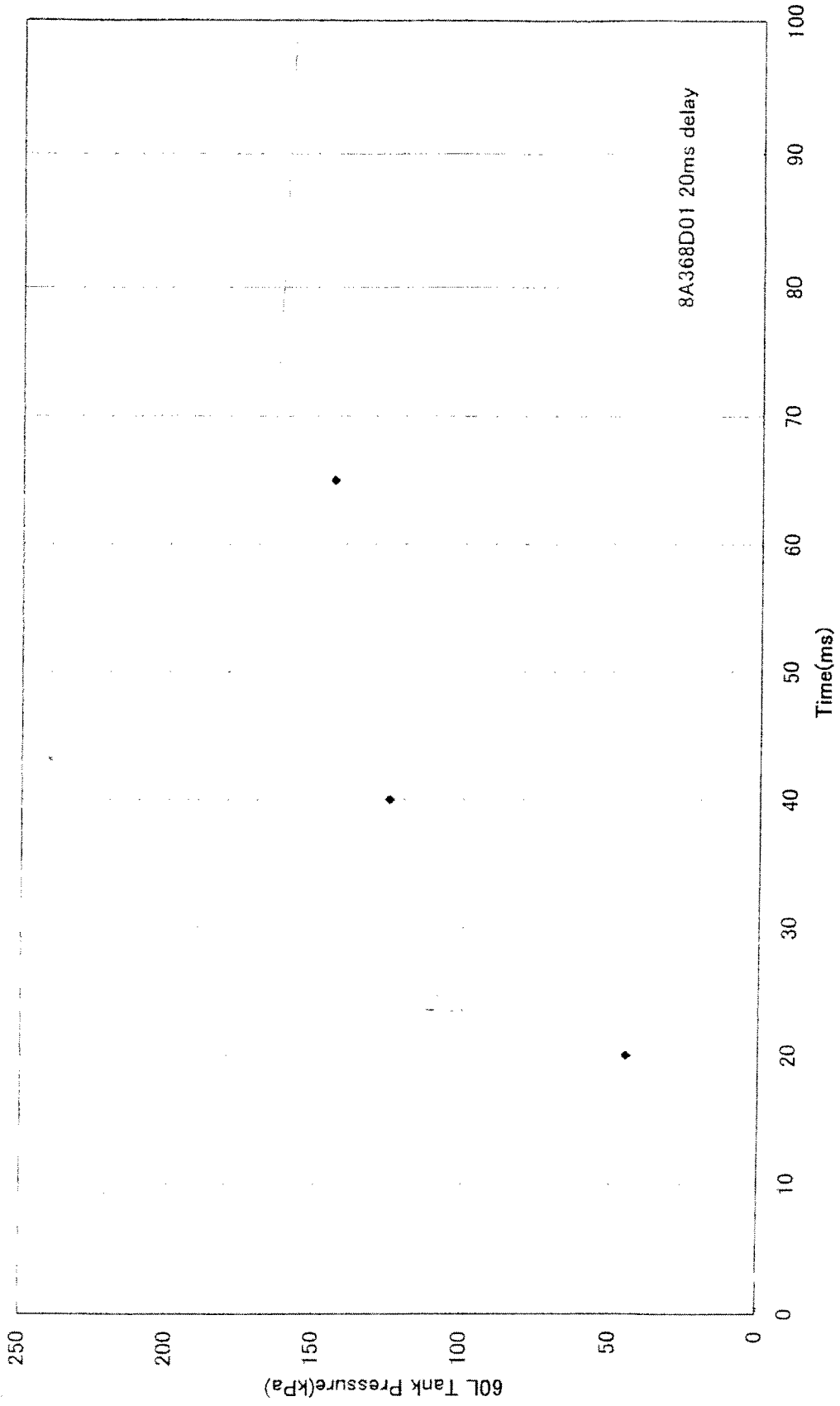


8A368B01 20ms delay

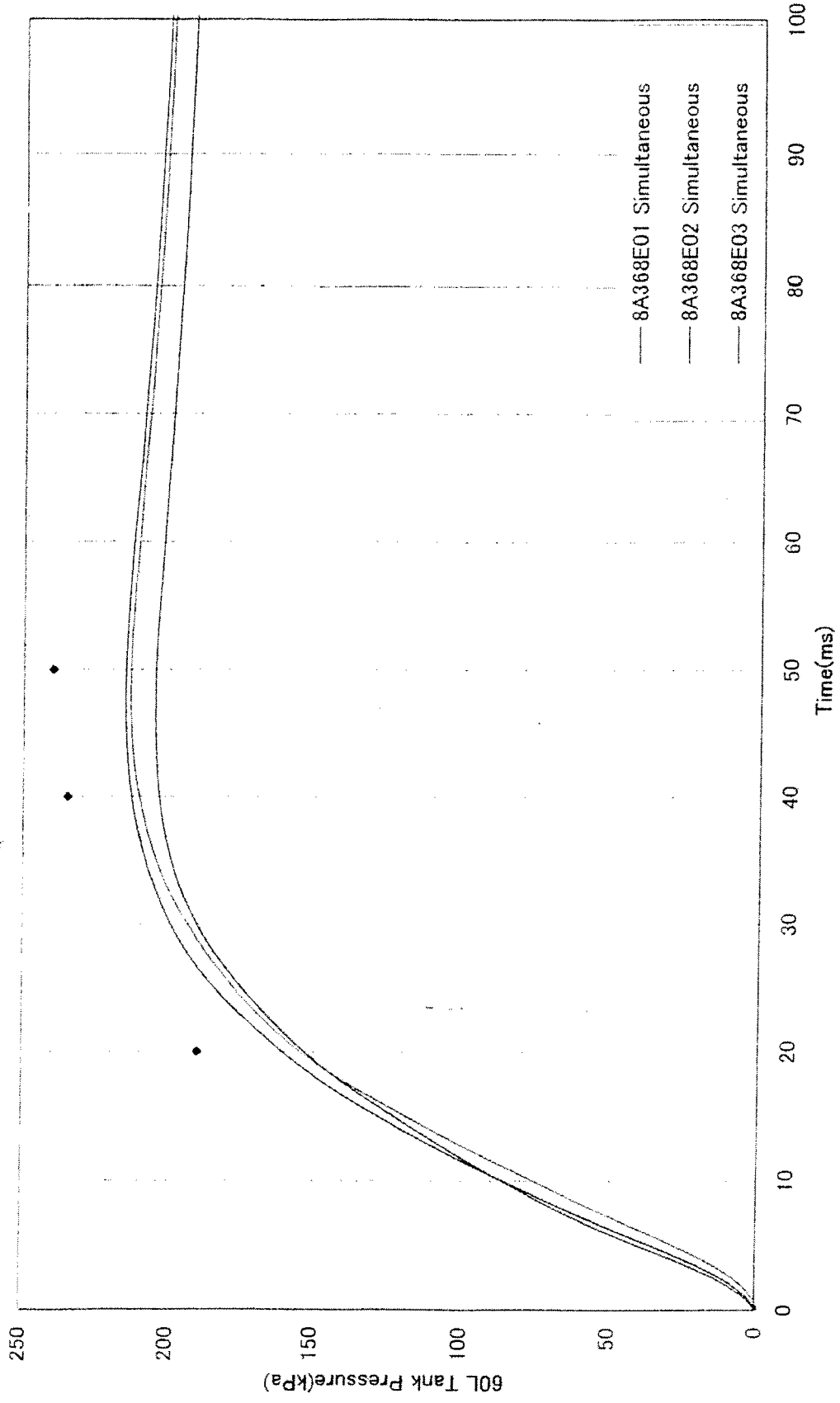
HONDA PSDI Group 5 (Low Temperature Aging Test)
@-35 deg.C (Cold) Simultaneously



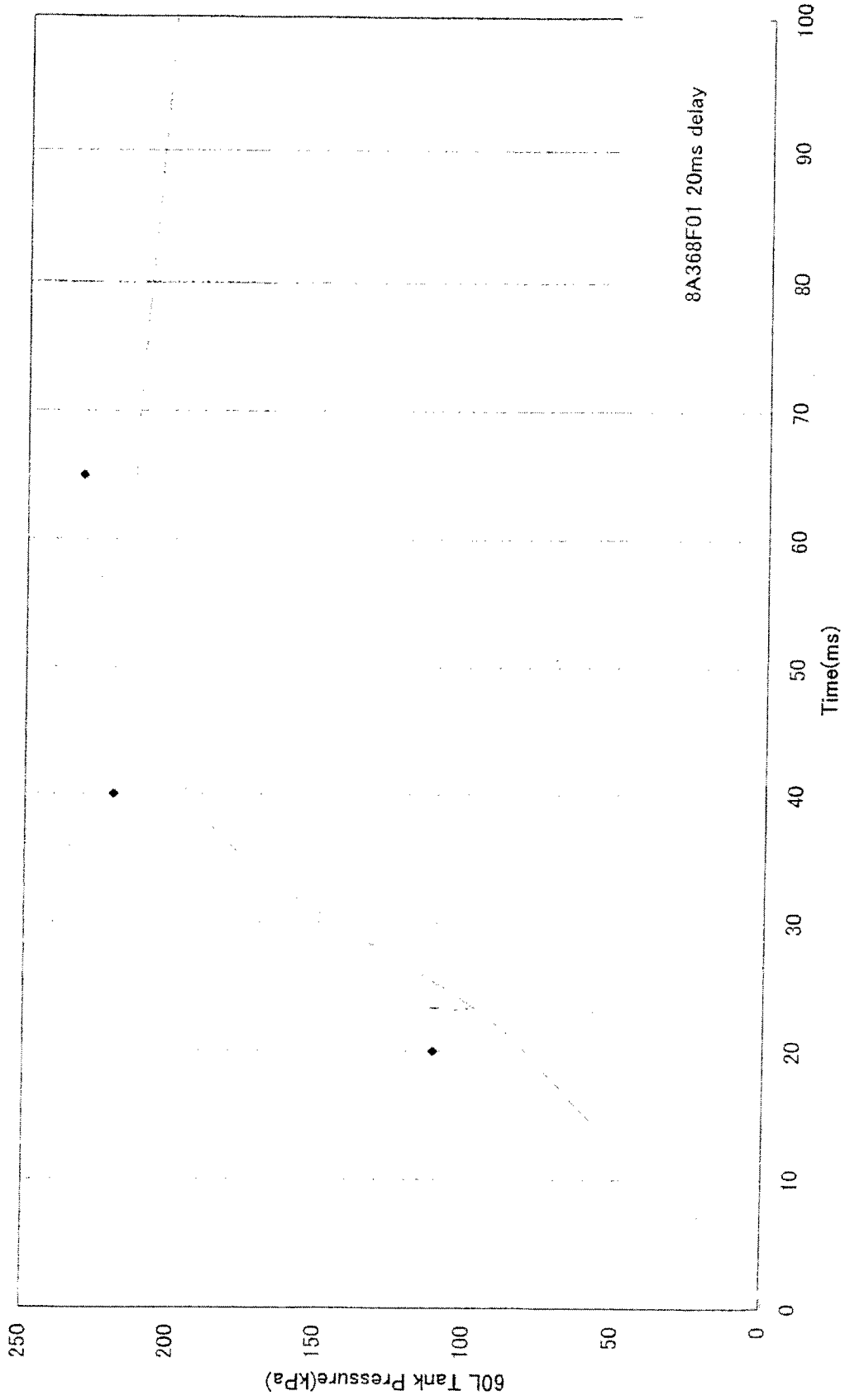
HONDA PSDI Group 5 (Low Temperature Aging Test)
@-35 deg.C (Cold) 20ms delay



HONDA PSDI Group 5 (Low Temperature Aging Test)
@+85 deg.C (Hot) Simultaneously



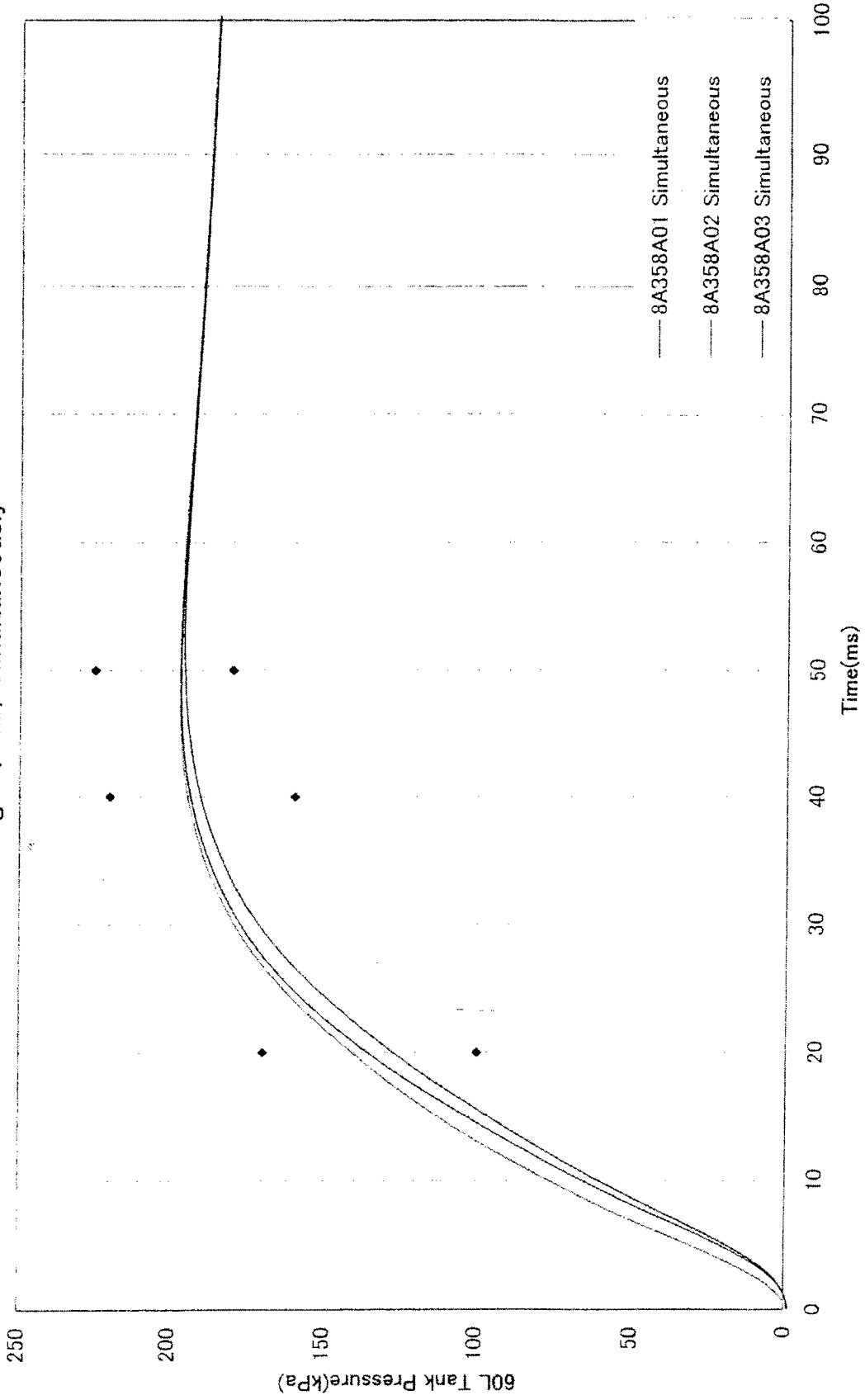
HONDA PSDI Group 5 (Low Temperature Aging Test)
@+85 deg.C (Hot) 20ms delay



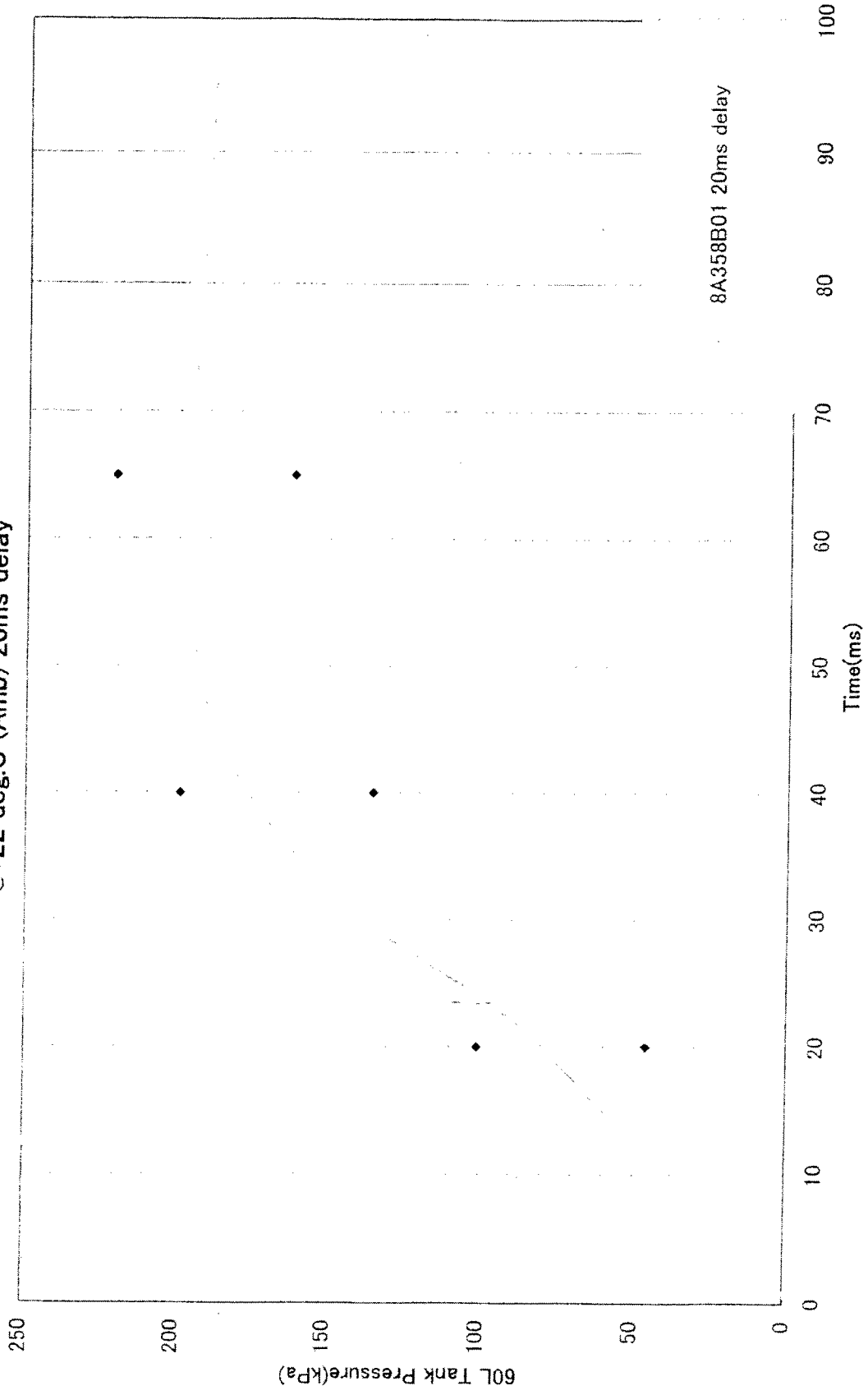
8A368F01 20ms delay

APPENDIX D
Group 6 VIBRATION

HONDA PSDI Group 6 (Vibration Test)
@+22 deg.C (Amb) Simultaneously

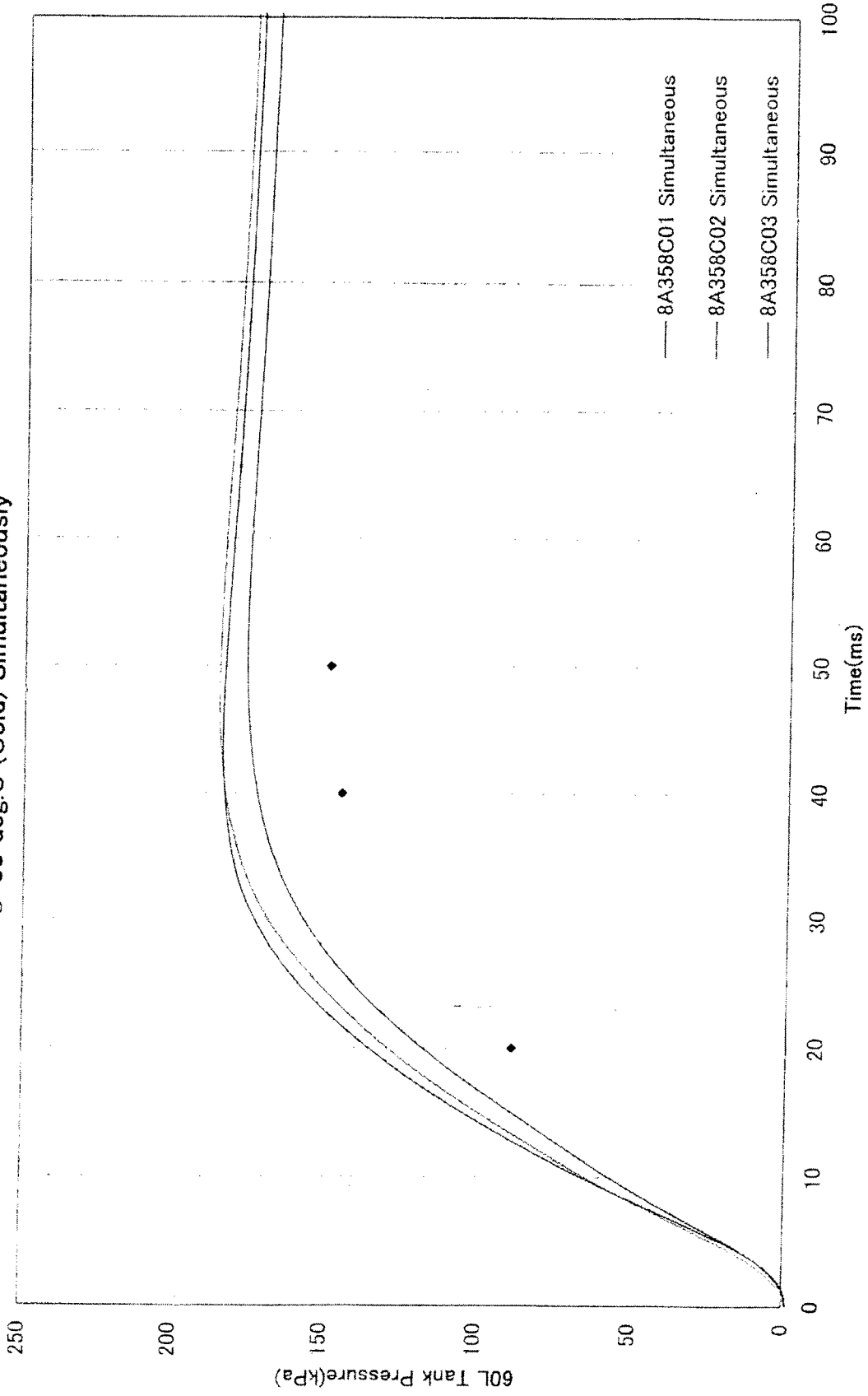


HONDA PSDI Group 6 (Vibration Test)
@+22 deg.C (Amb) 20ms delay

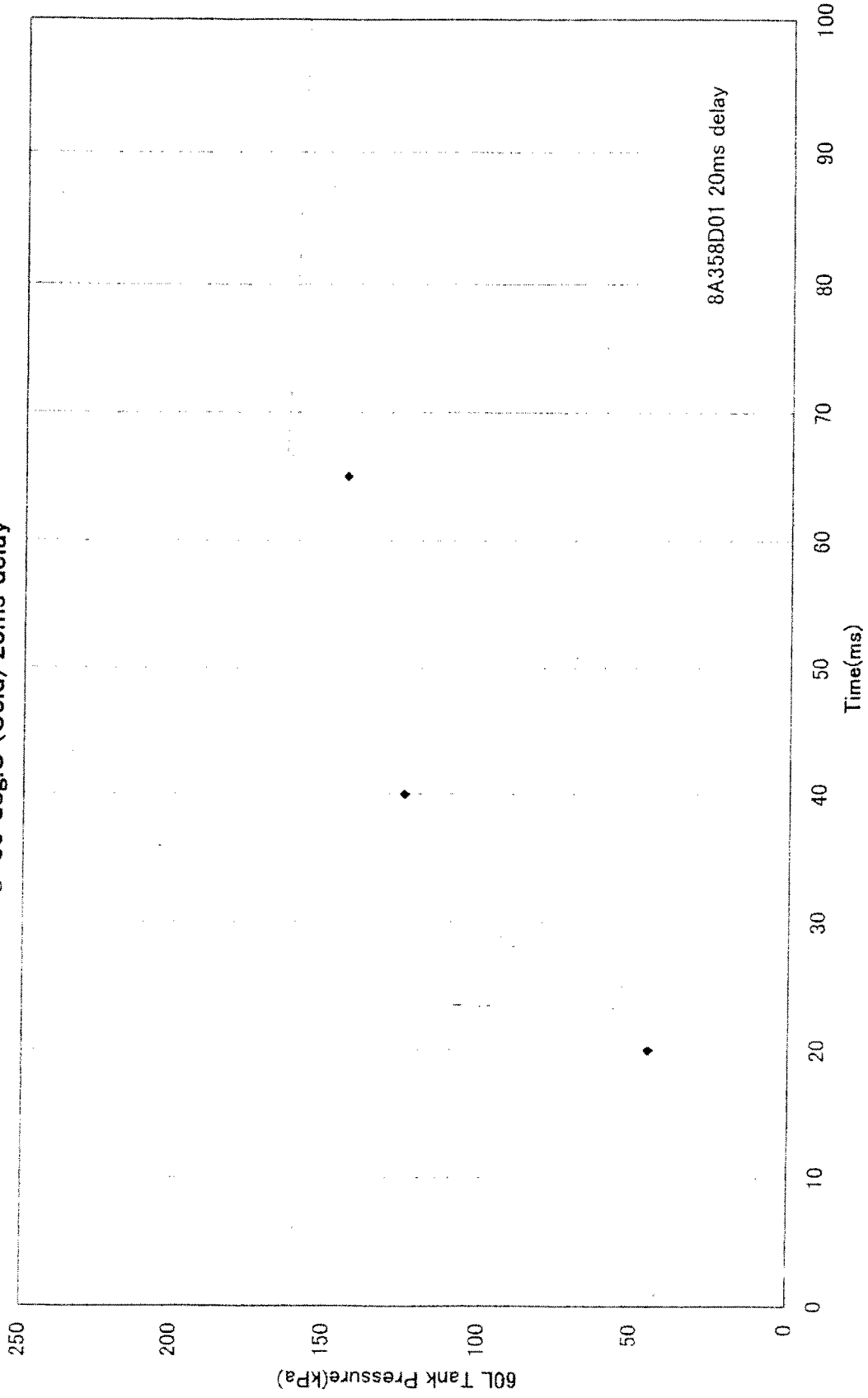


8A358B01 20ms delay

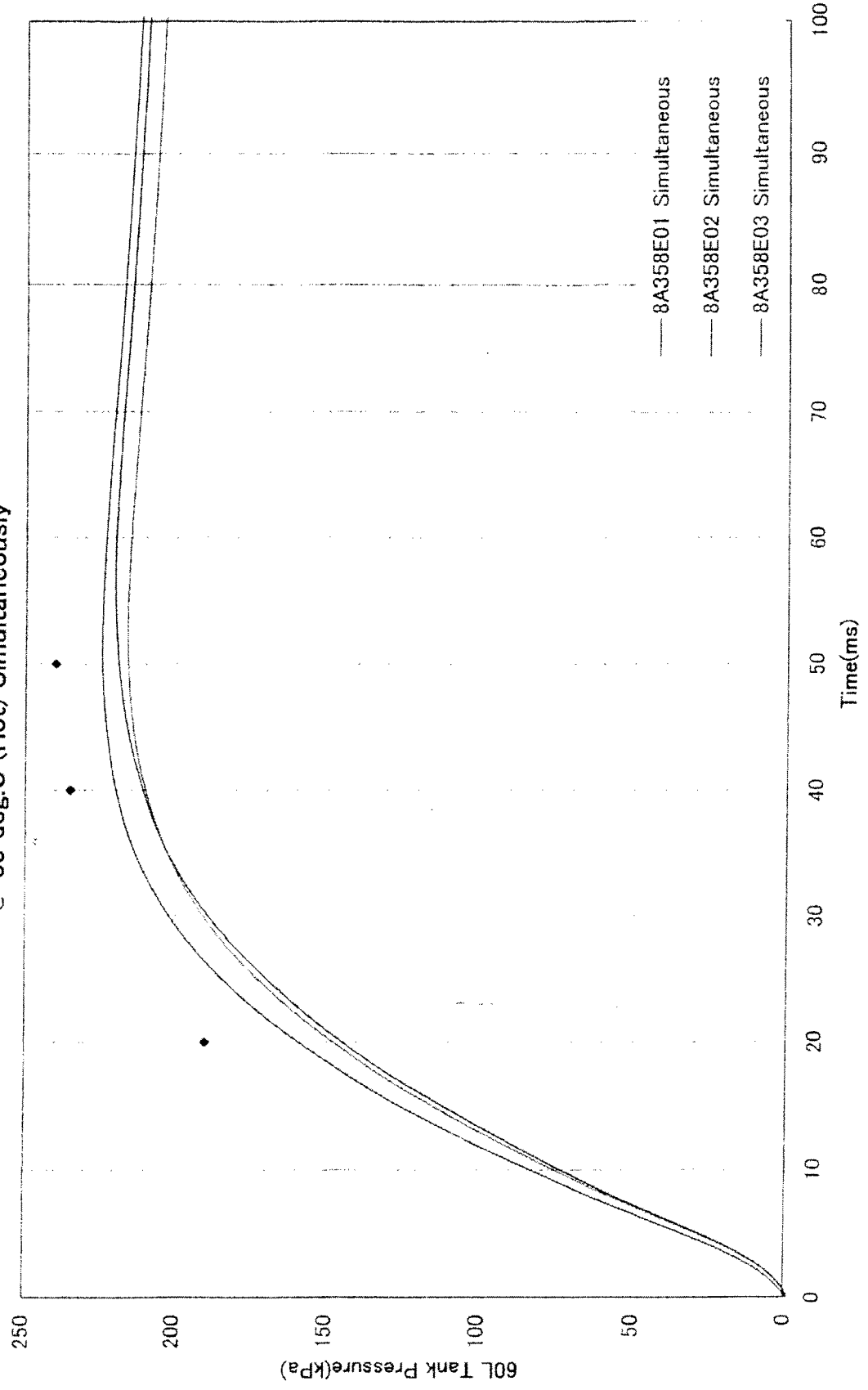
HONDA PSDI Group 6 (Vibration Test)
@-35 deg.C (Cold) Simultaneously



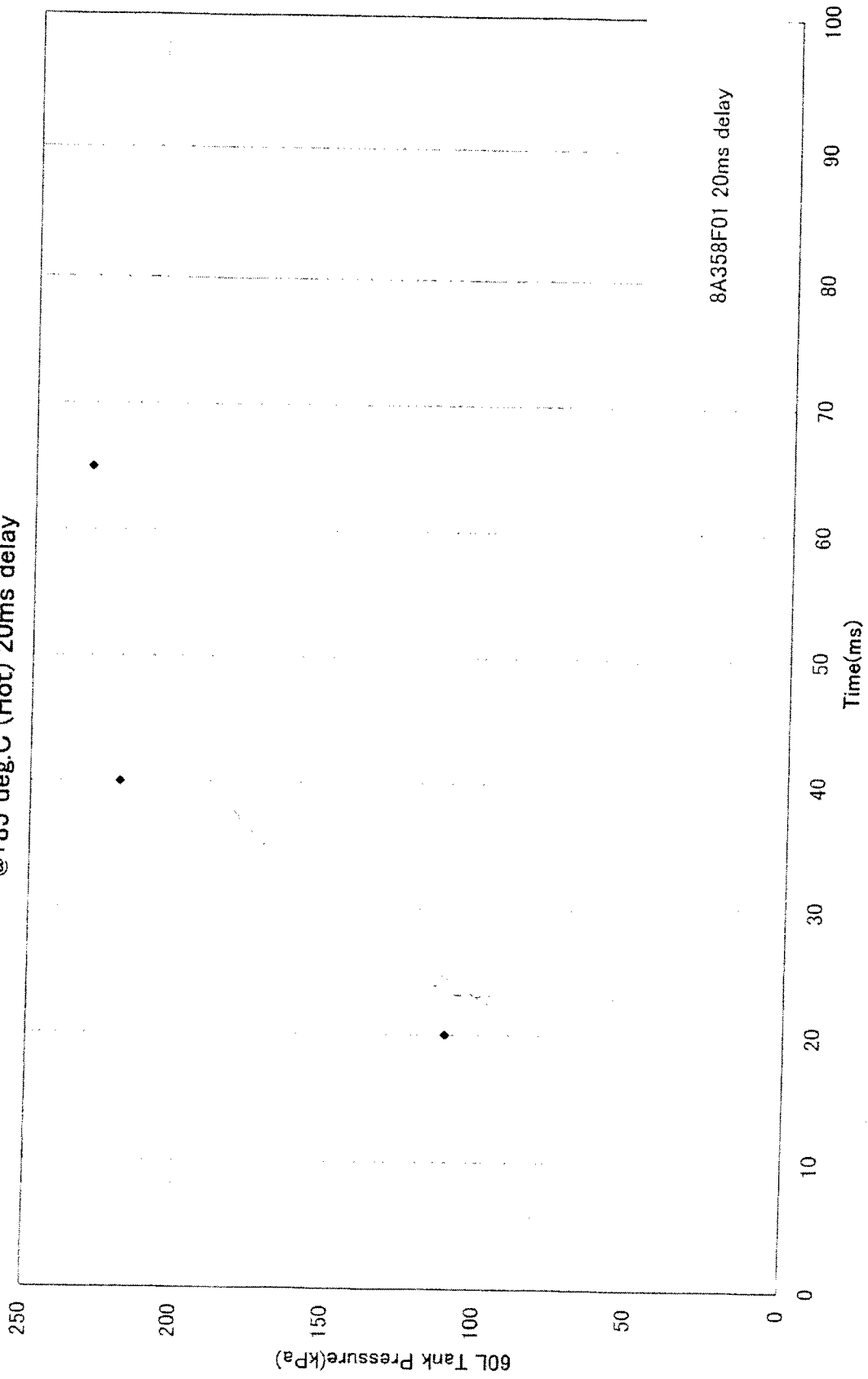
HONDA PSDI Group 6 (Vibration Test)
@-35 deg.C (Cold) 20ms delay



HONDA PSDI Group 6 (Vibration Test)
@+85 deg.C (Hot) Simultaneously



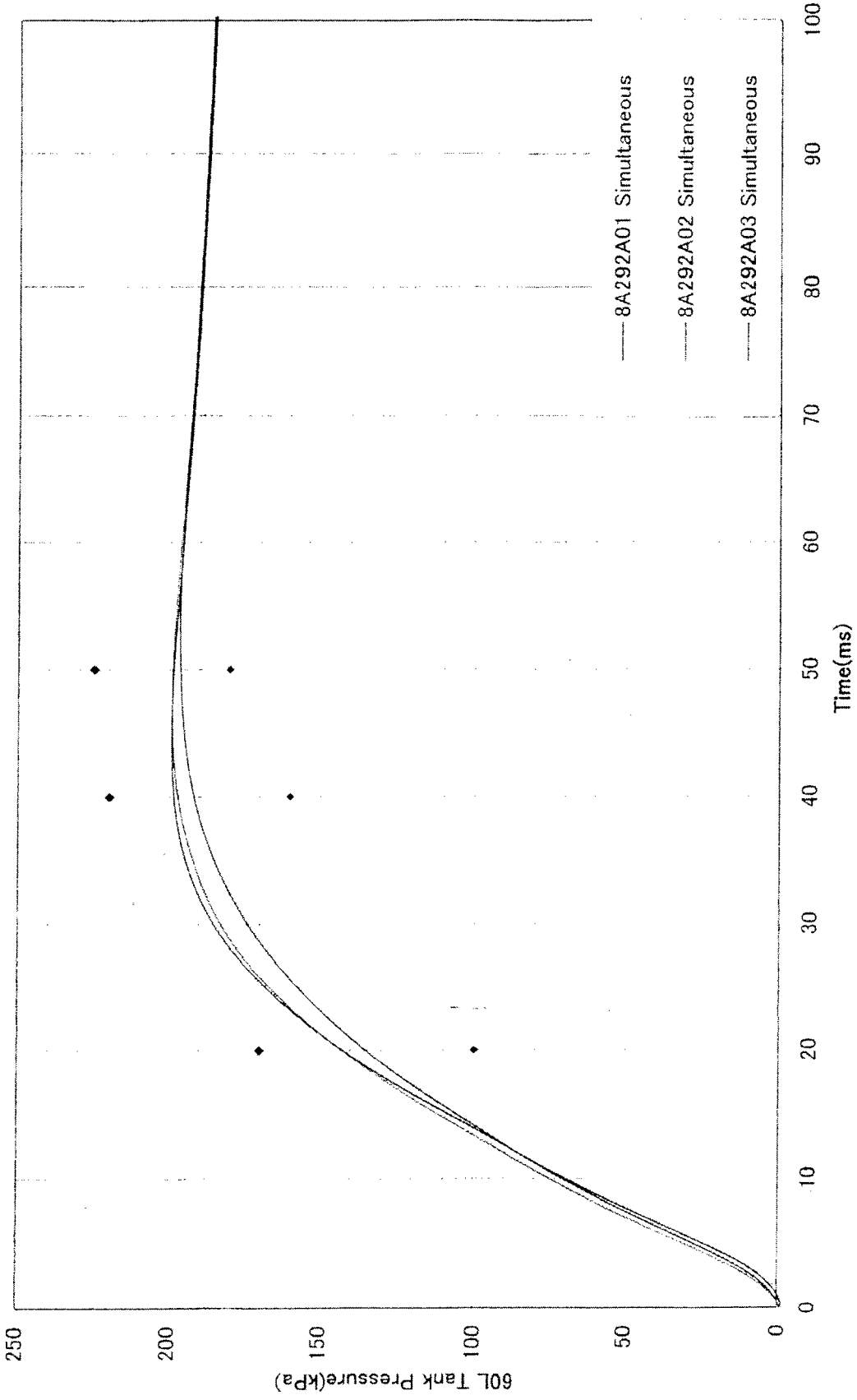
HONDA PSDI Group 6 (Vibration Test)
@+85 deg.C (Hot) 20ms delay



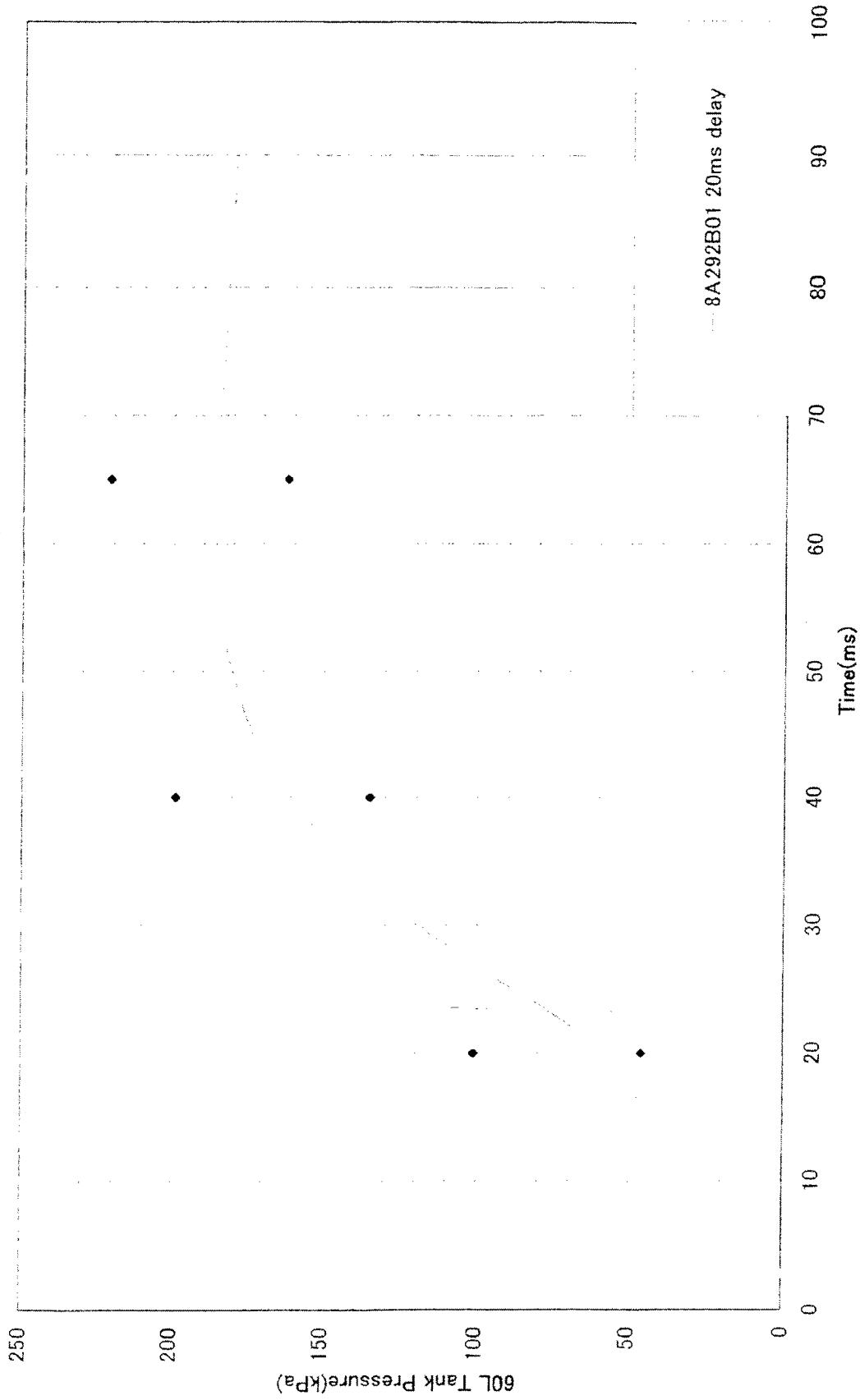
APPENDIX E

Group 7 VIBRATION / THERMAL CYCLE

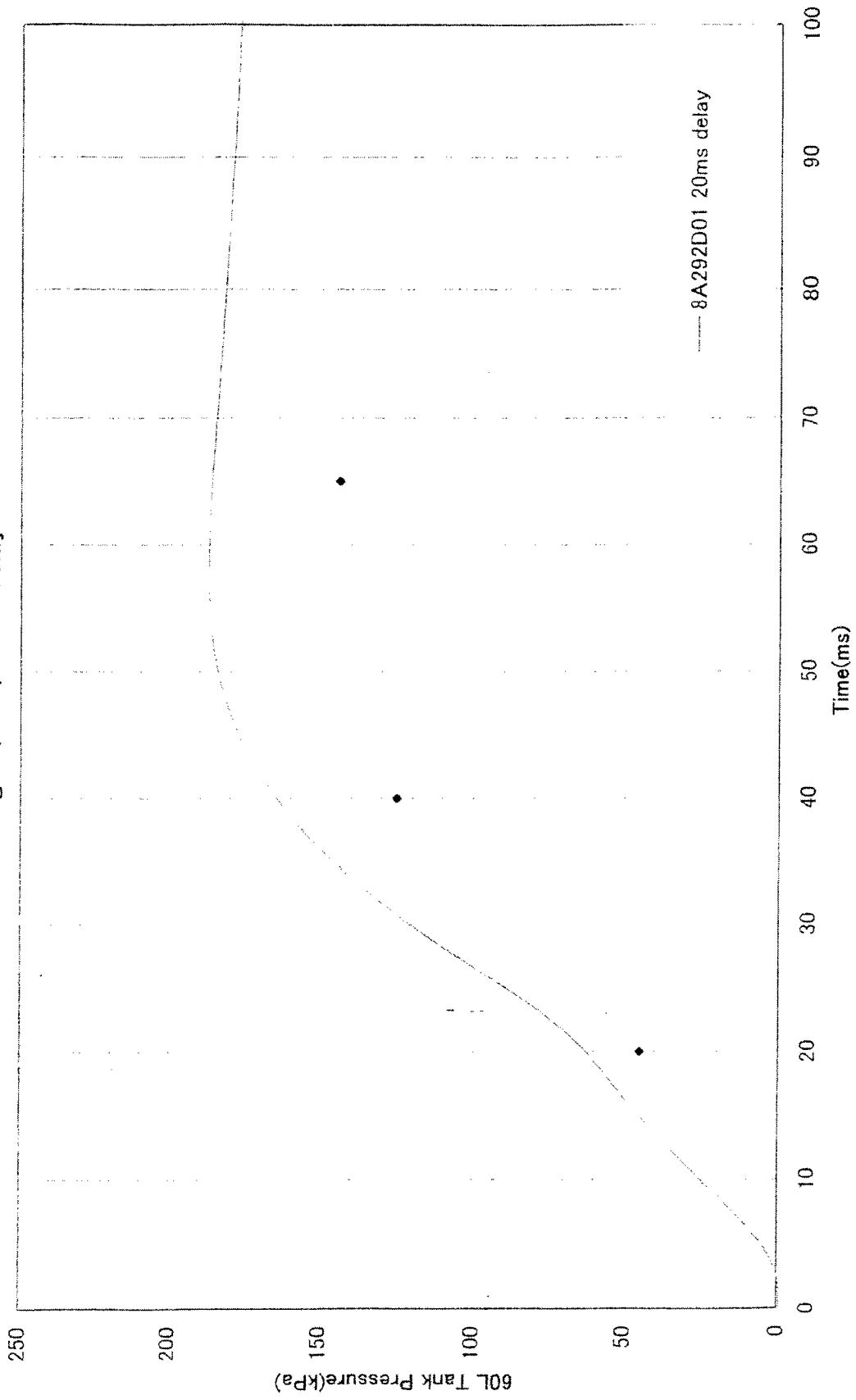
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@+22 deg.C (Amb) Simultaneously



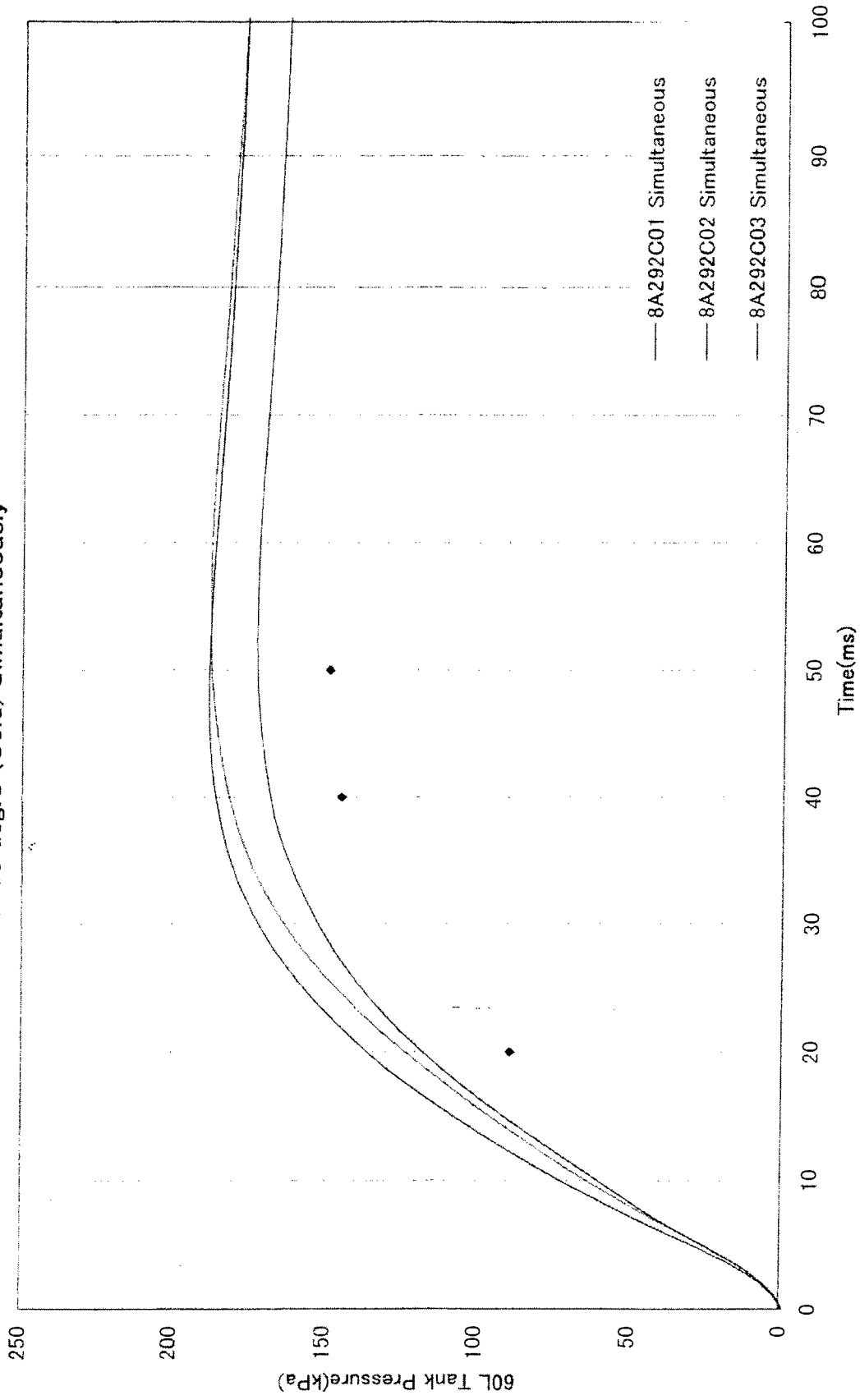
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@+22 deg.C (Amb) 20ms delay



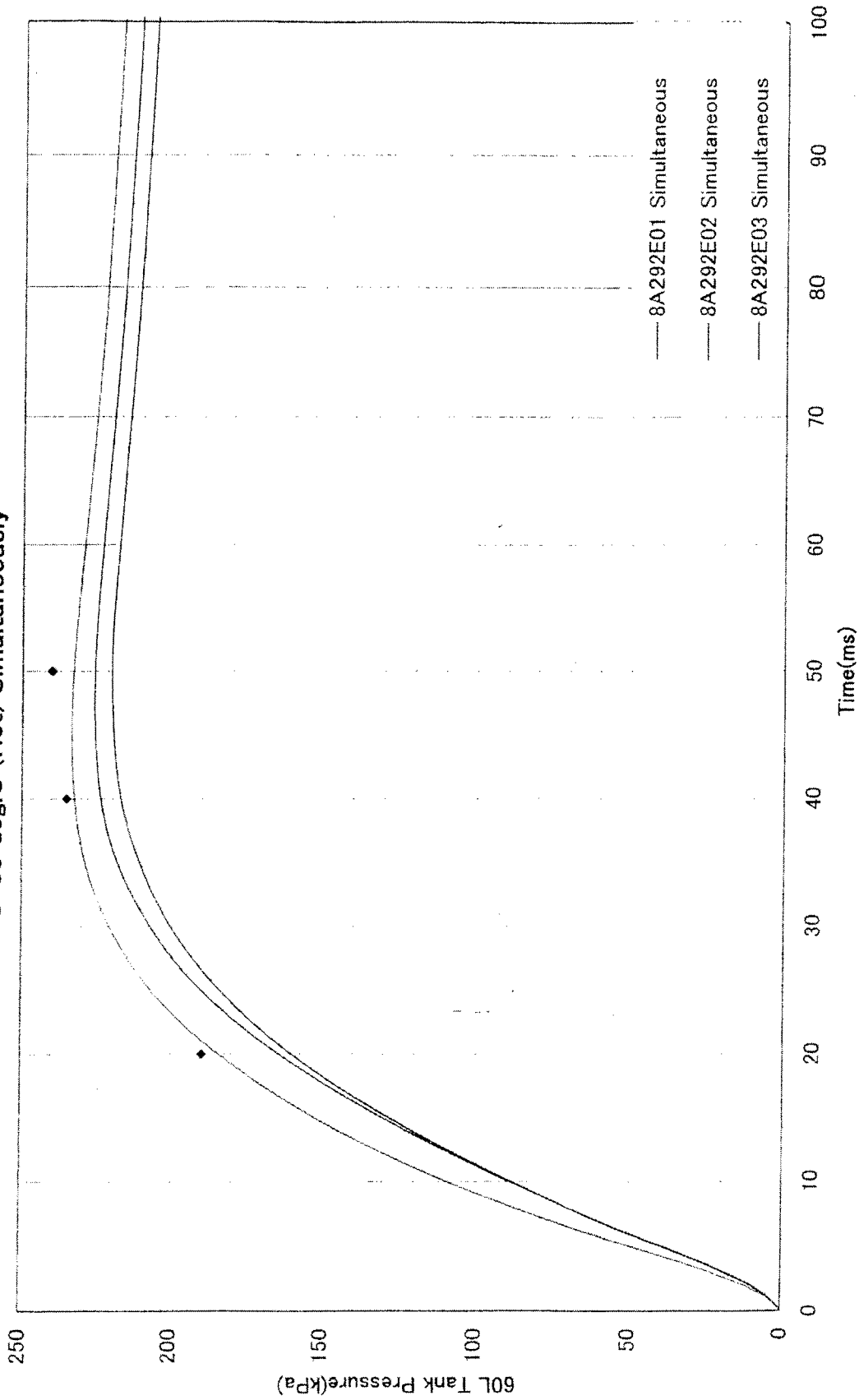
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@-35 deg.C (Cold) 20ms delay



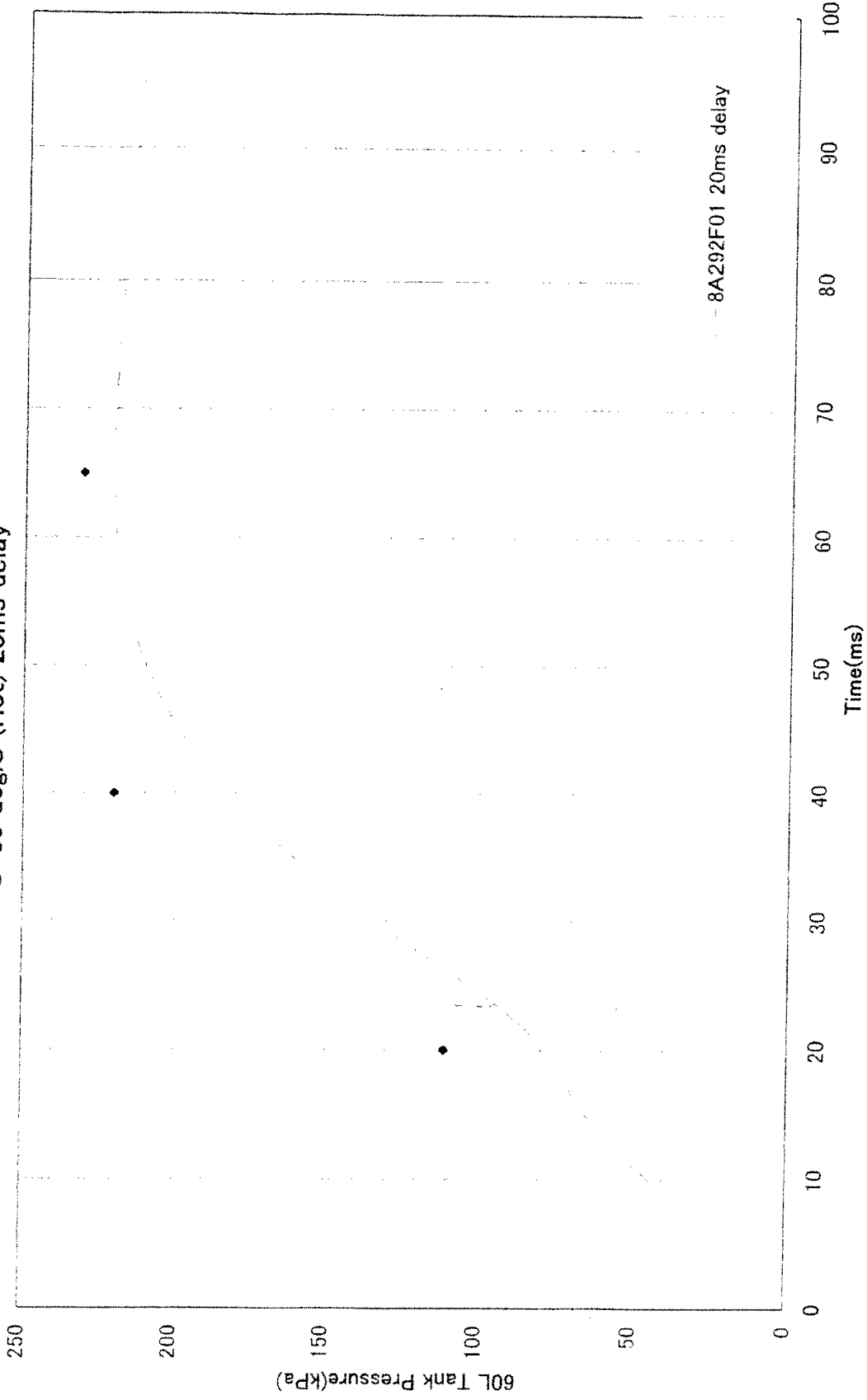
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@-35 deg.C (Cold) Simultaneously



HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@+85 deg.C (Hot) Simultaneously



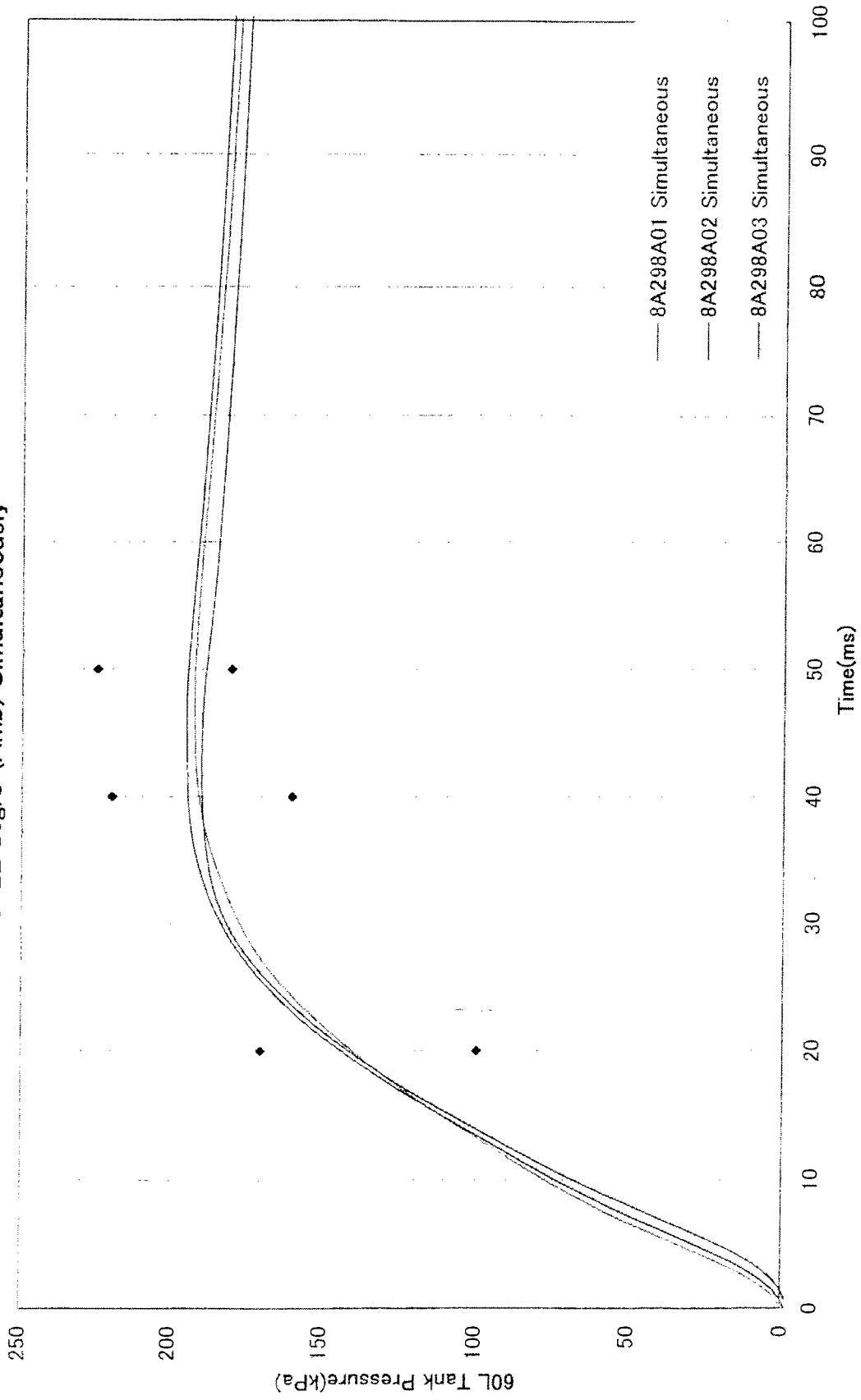
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@+85 deg.C (Hot) 20ms delay



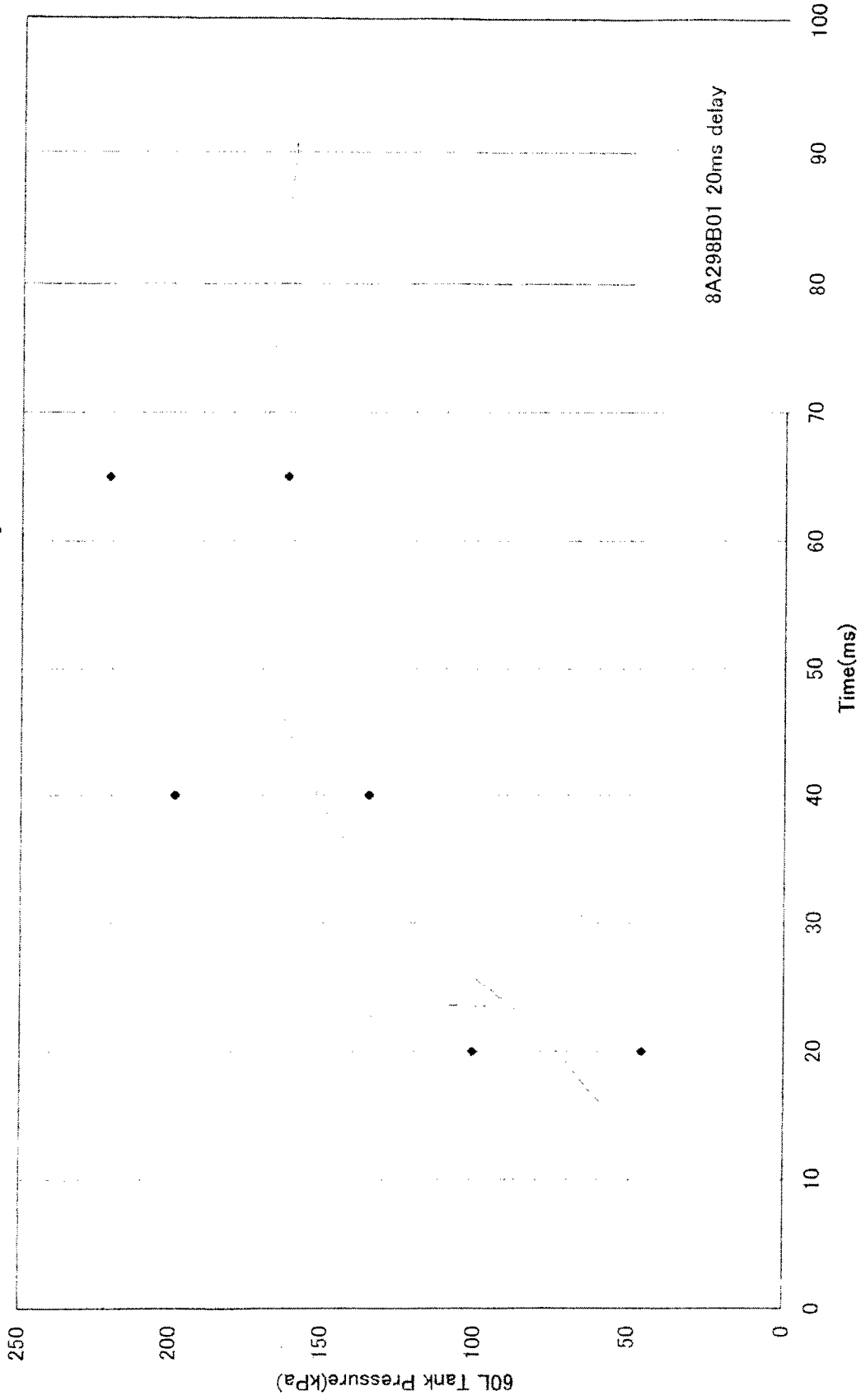
APPENDIX F

Group 8 VIBRATION / THERMAL CYCLE / MOISTURE

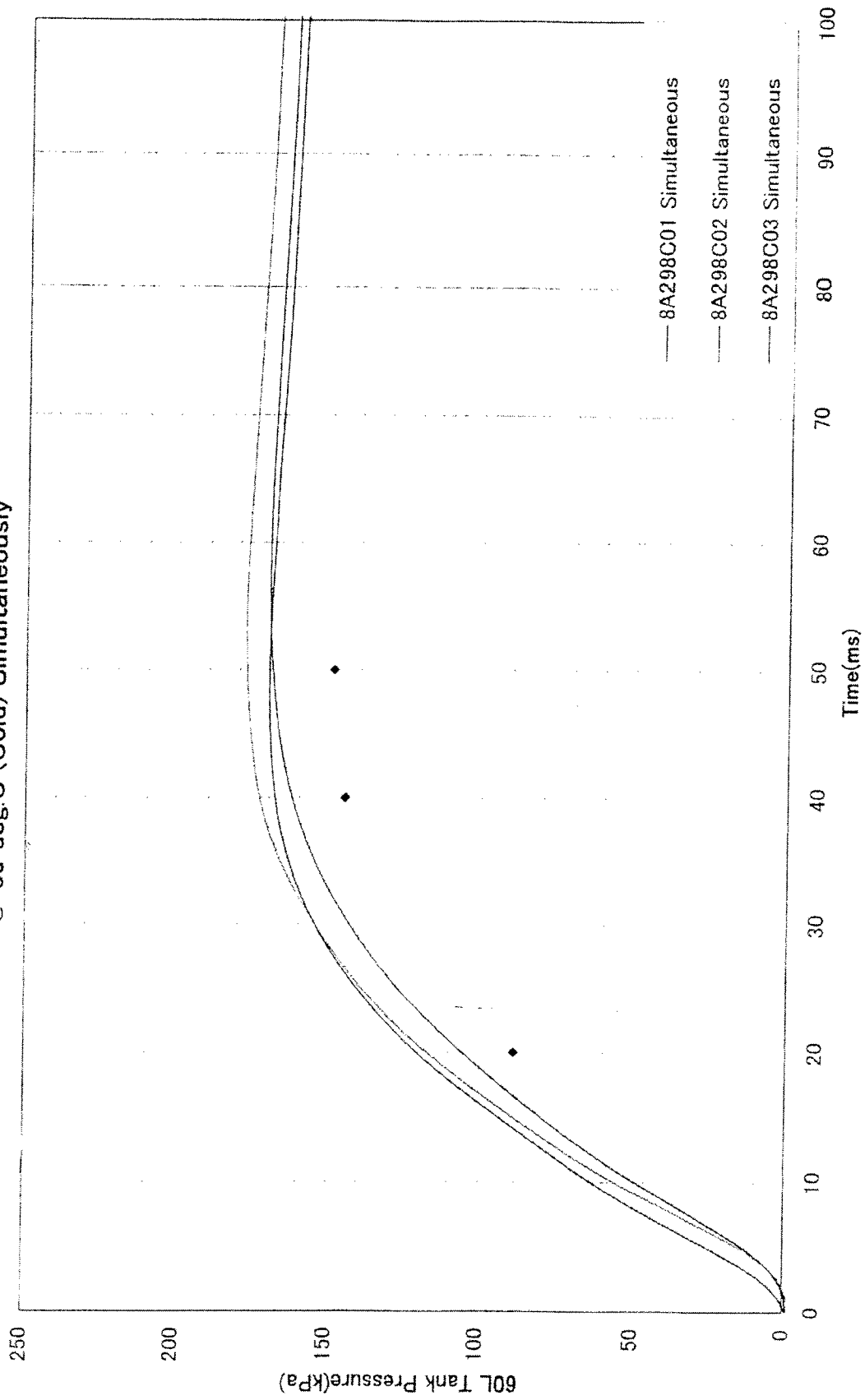
HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@+22 deg.C (Amb) Simultaneously



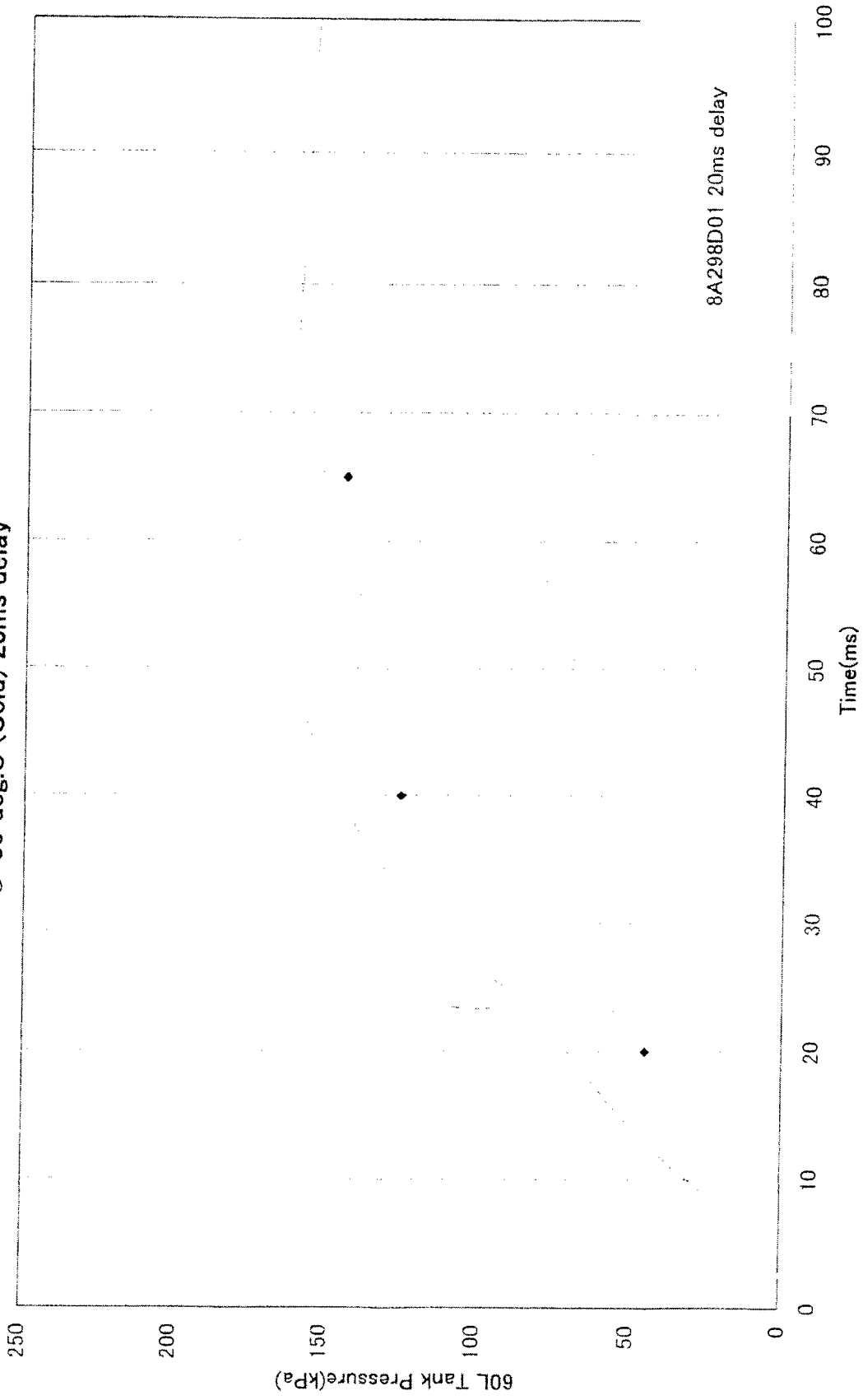
HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@+22 deg.C (Amb) 20ms delay



HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@-35 deg.C (Cold) Simultaneously

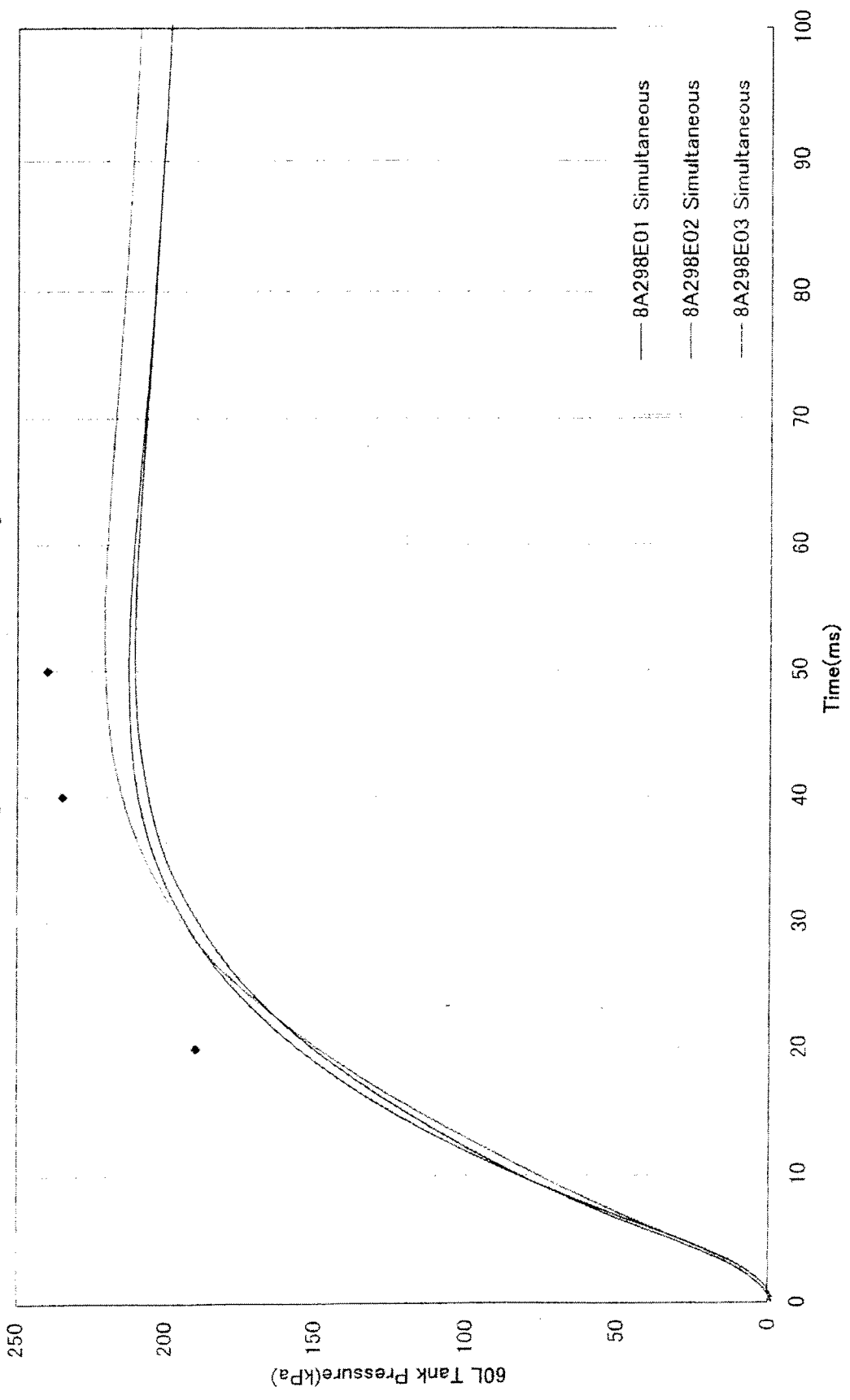


HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@-35 deg.C (Cold) 20ms delay

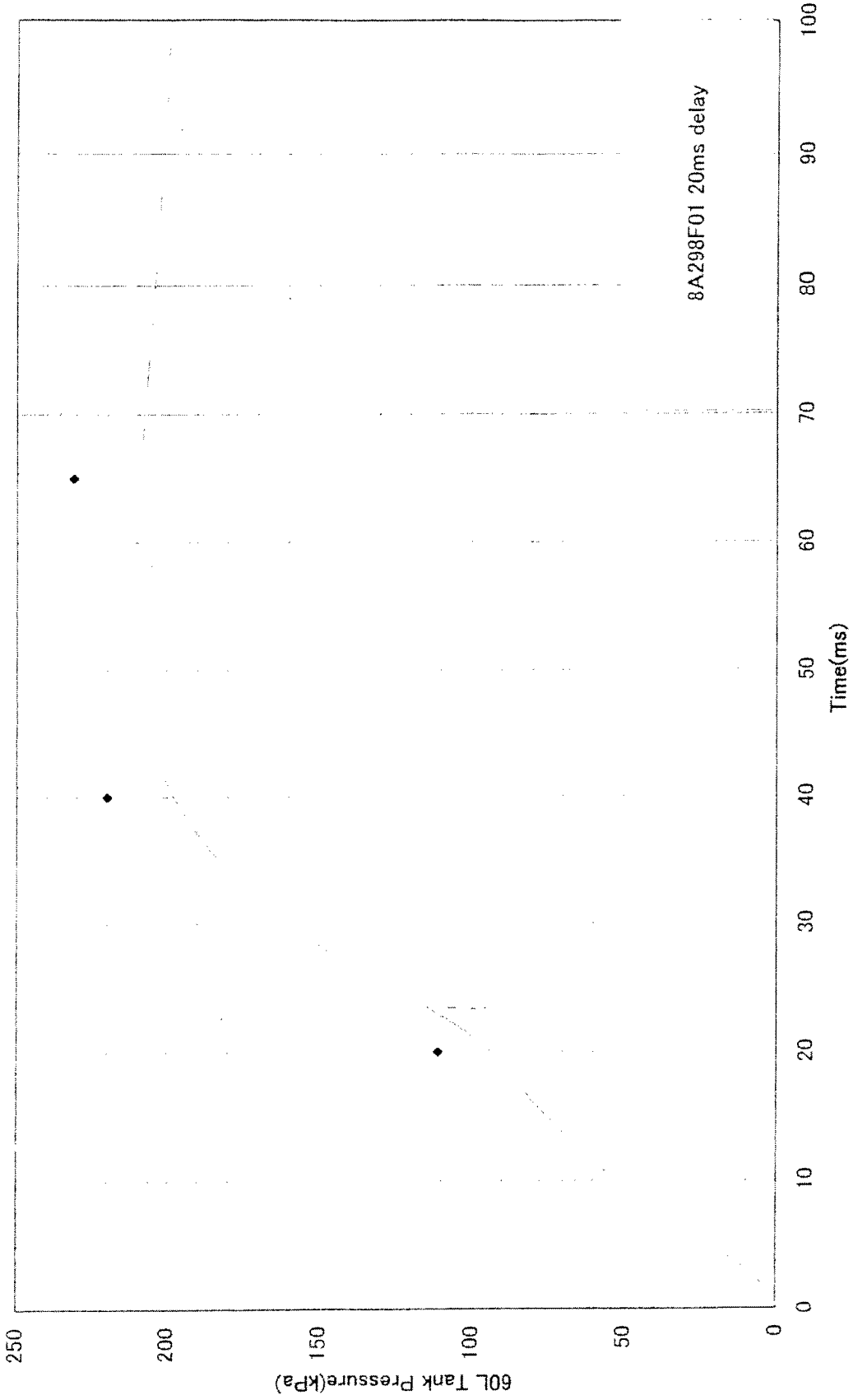


8A298D01 20ms delay

HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@+85 deg.C (Hot) Simultaneously



HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@+85 deg.C (Hot) 20ms delay



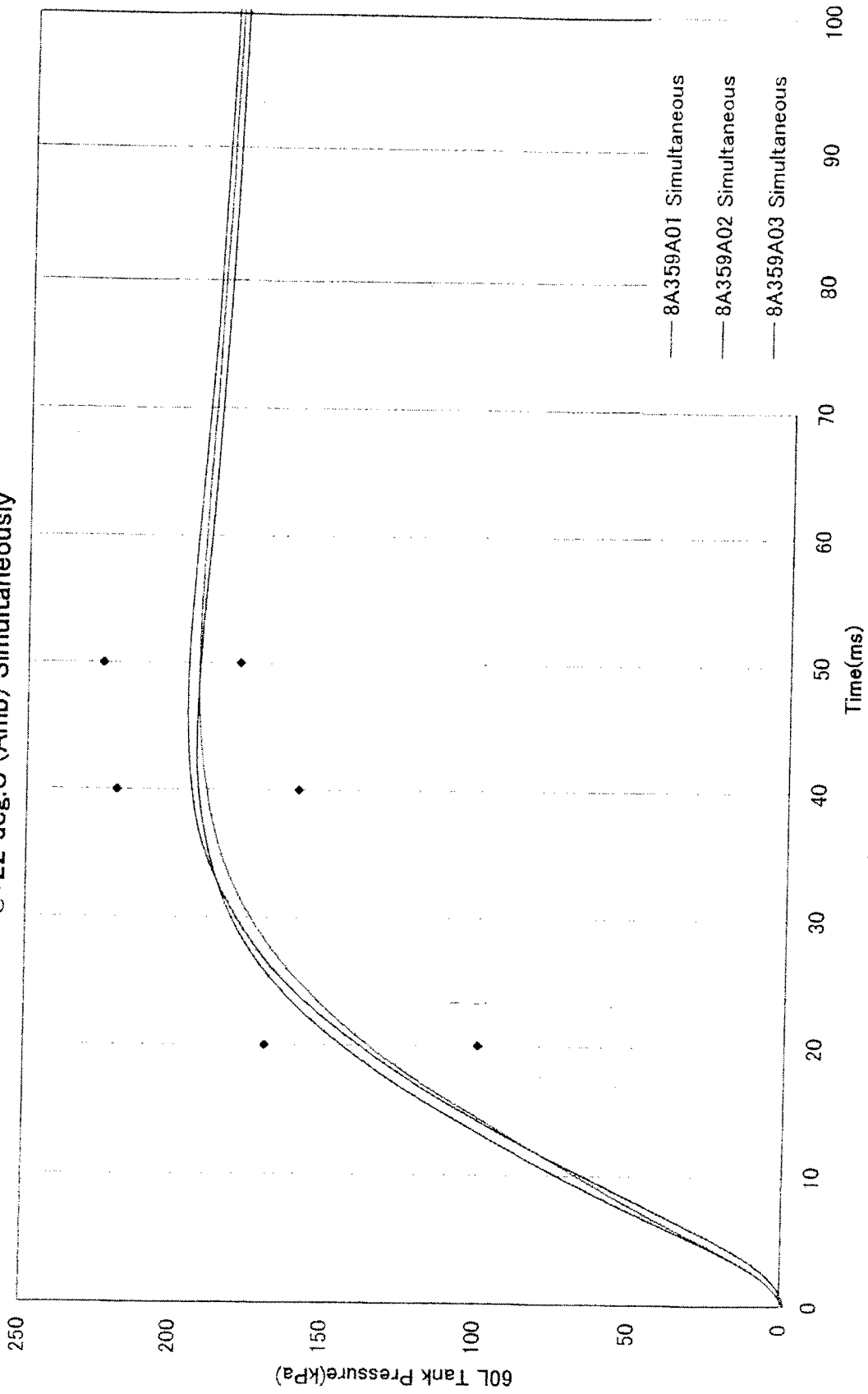
8A298F01 20ms delay



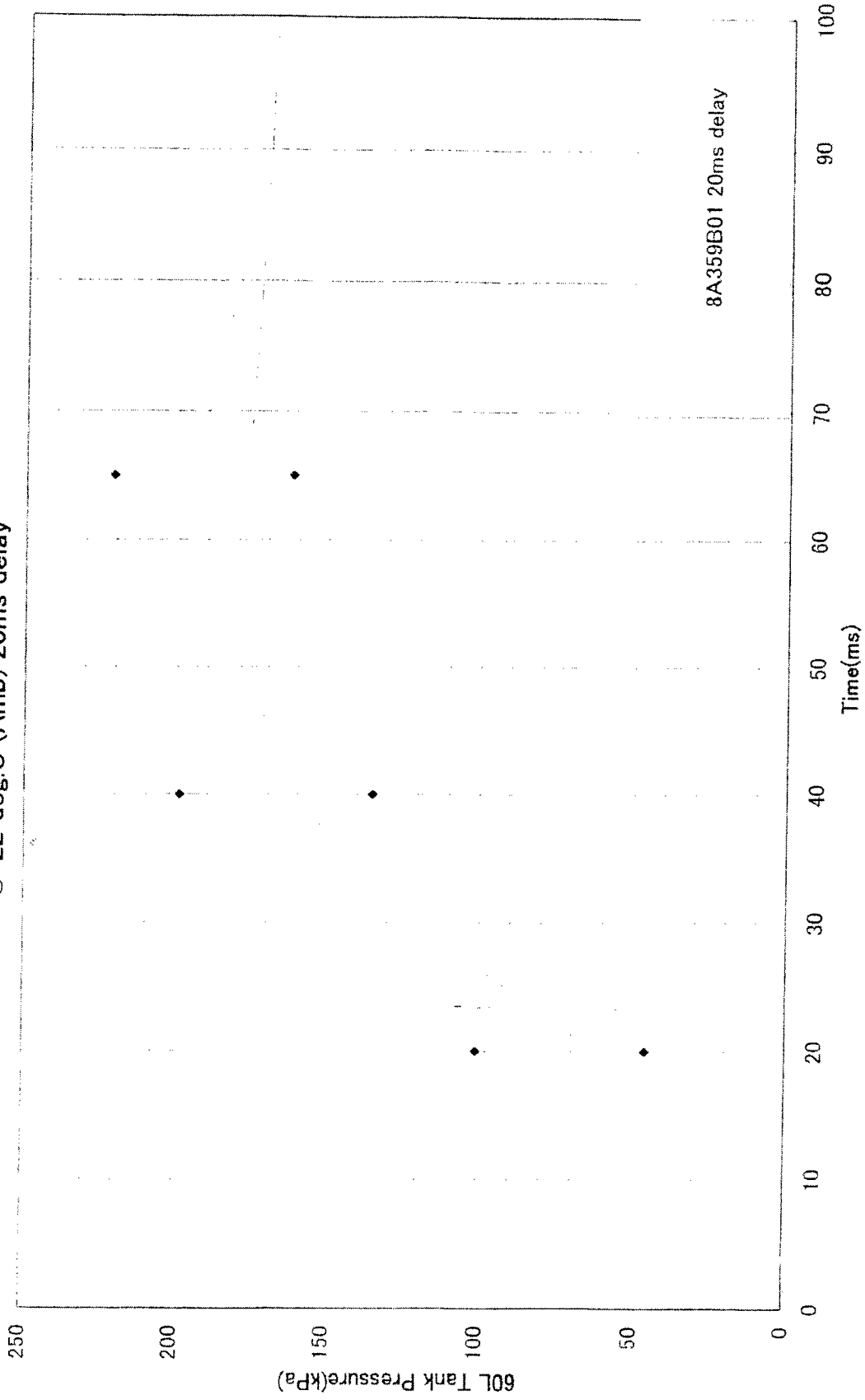
APPENDIX G

Group 9 VIBRATION / THERMAL SHOCK

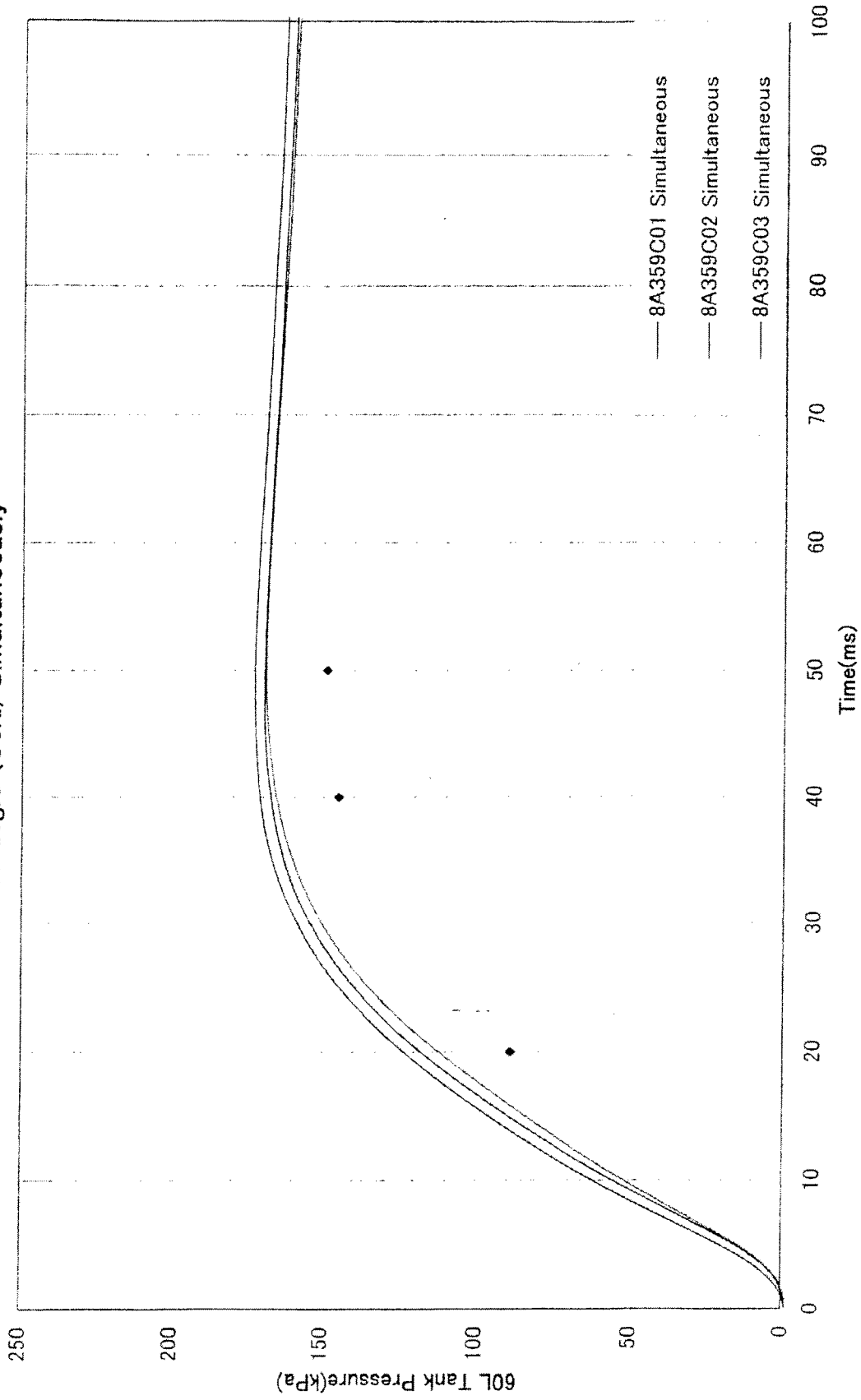
HONDA PSDI Group 9 (Vibration / Thermal Shock)
@+22 deg.C (Amb) Simultaneously



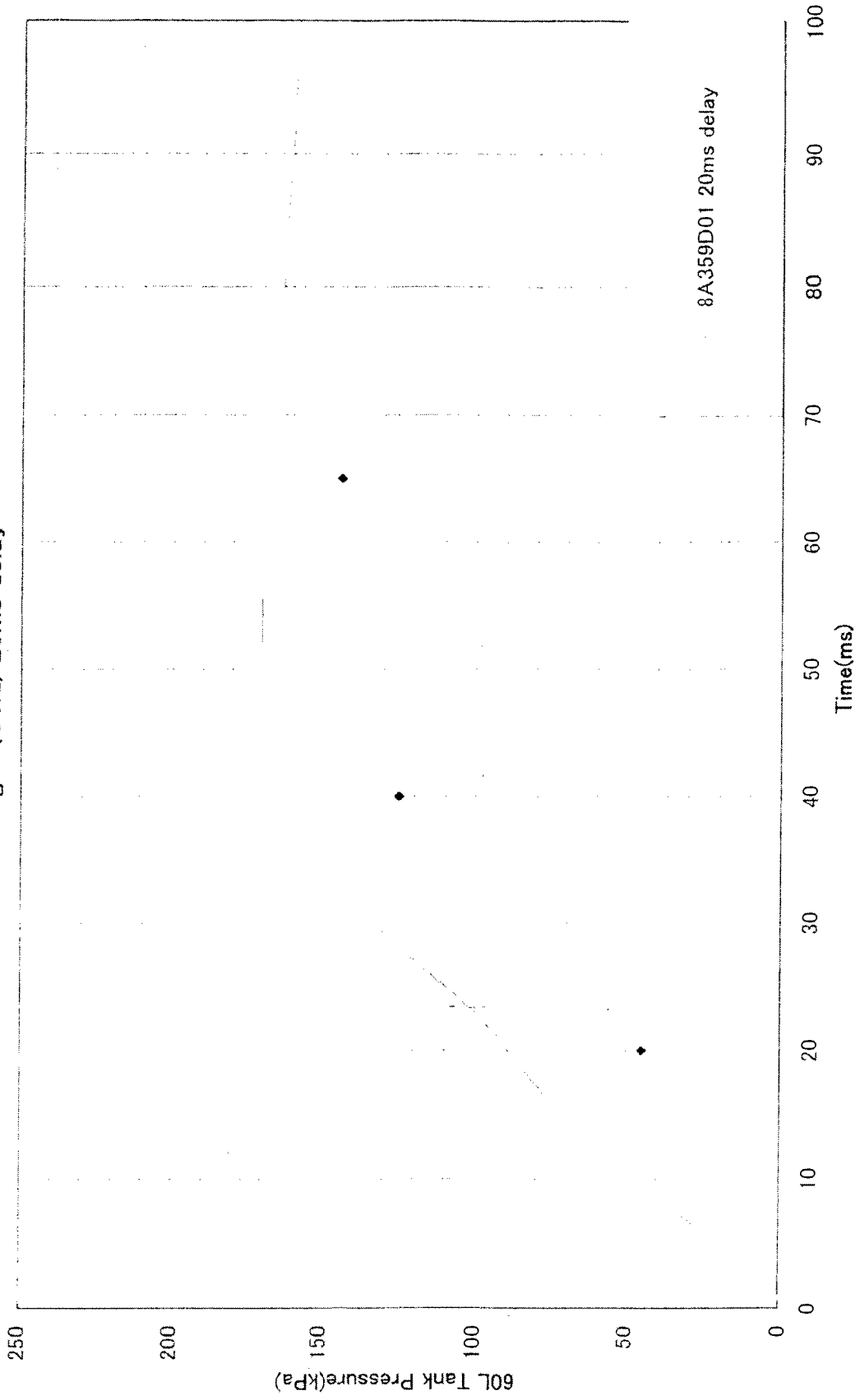
HONDA PSDI Group 9 (Vibration / Thermal Shock)
@+22 deg.C (Amb) 20ms delay



HONDA PSDI Group 9 (Vibration / Thermal Shock)
@-35 deg.C (Cold) Simultaneously

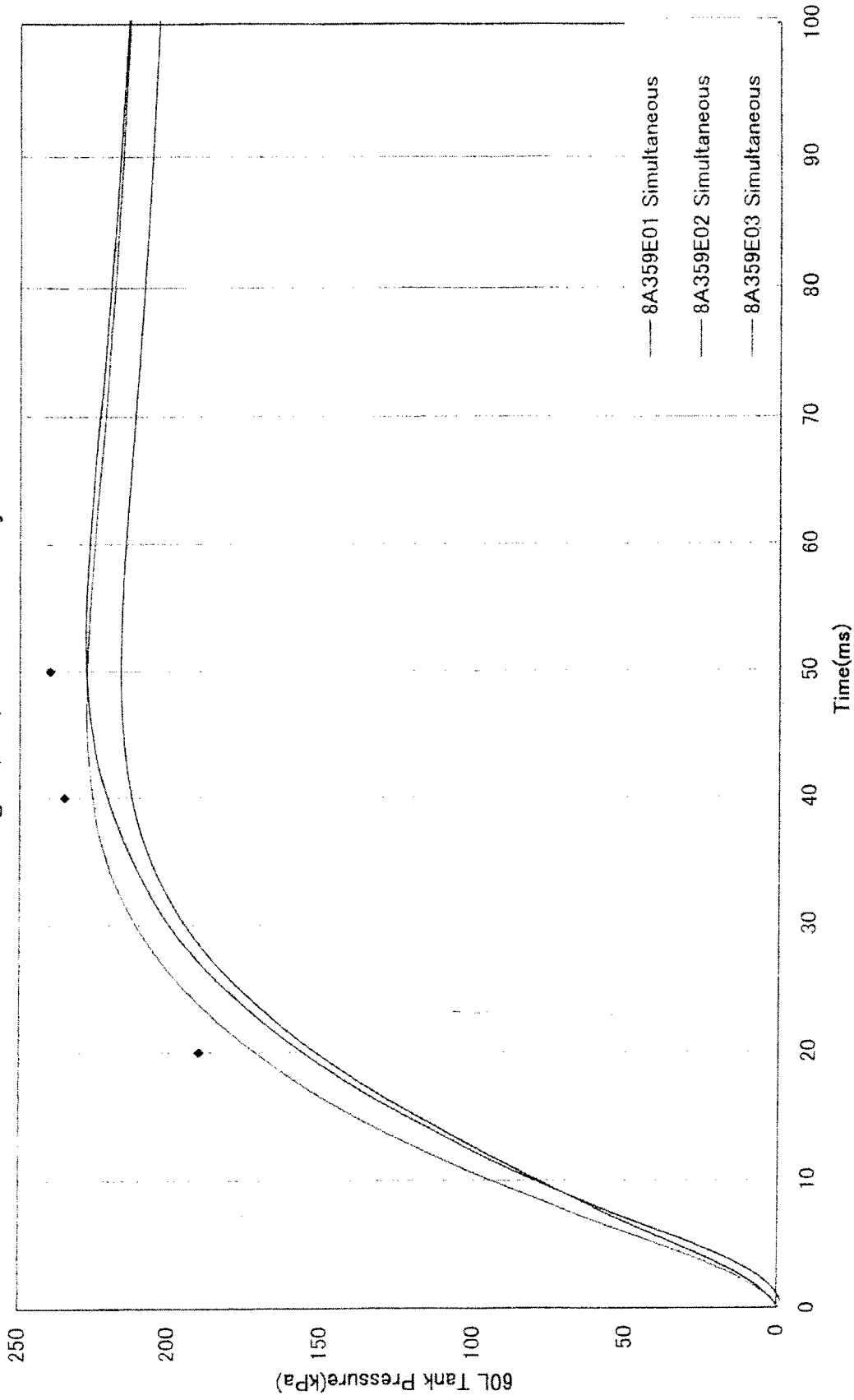


HONDA PSDI Group 9 (Vibration / Thermal Shock)
@-35 deg.C (Cold) 20ms delay

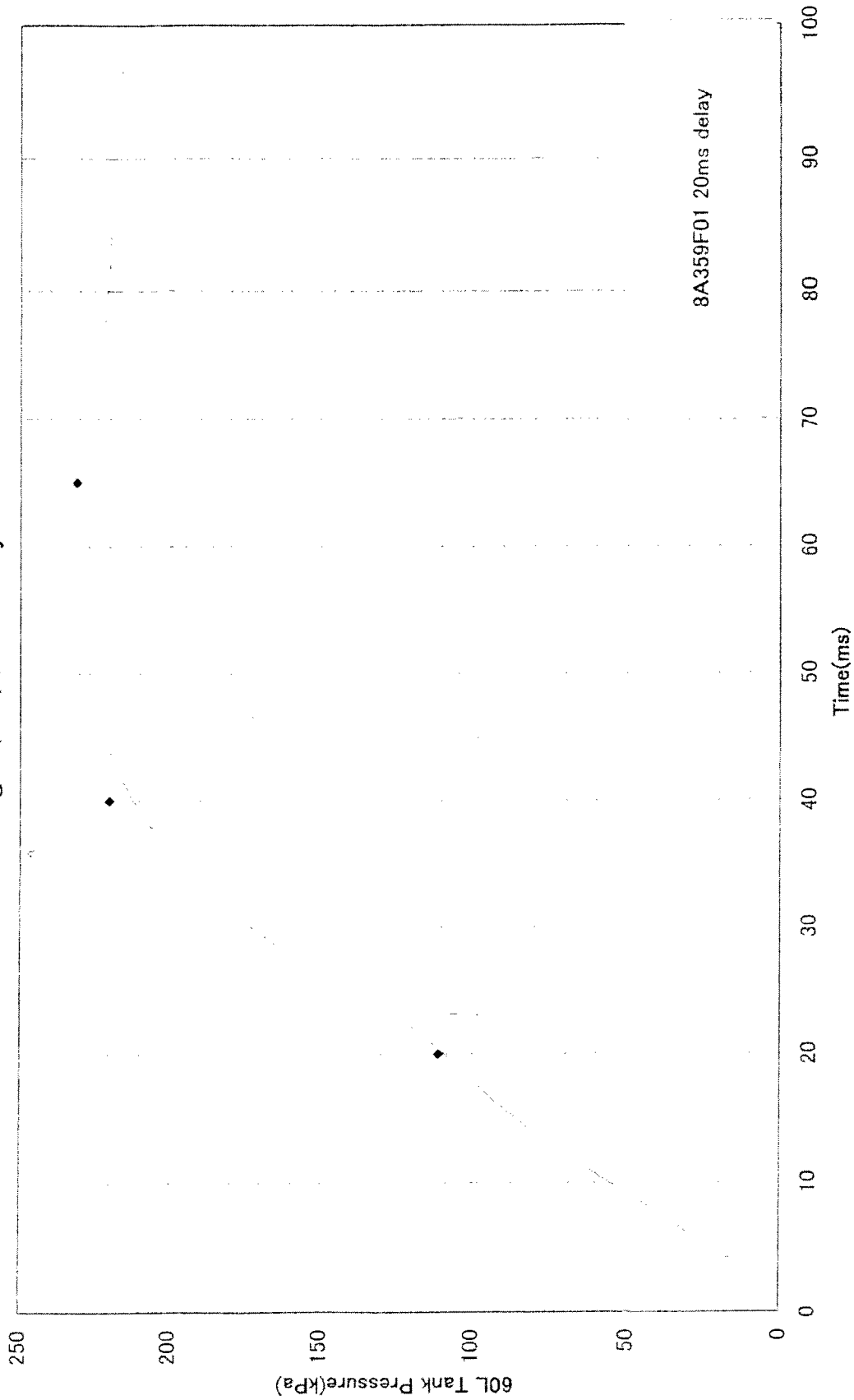


8A359D01 20ms delay

HONDA PSDI Group 9 (Vibration / Thermal Shock)
@+85 deg.C (Hot) Simultaneously



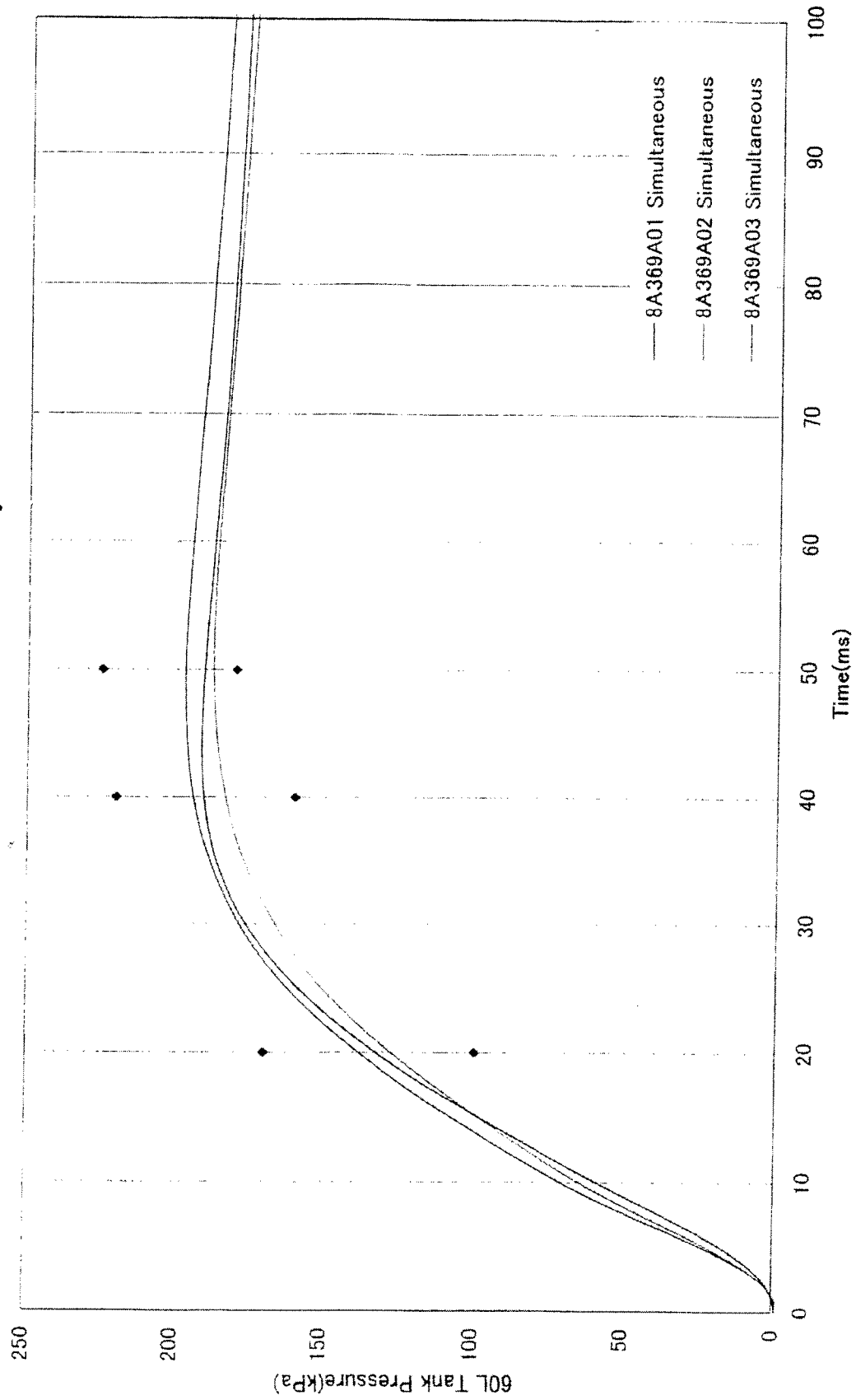
HONDA PSDI Group 9 (Vibration / Thermal Shock)
@+85 deg.C (Hot) 20ms delay



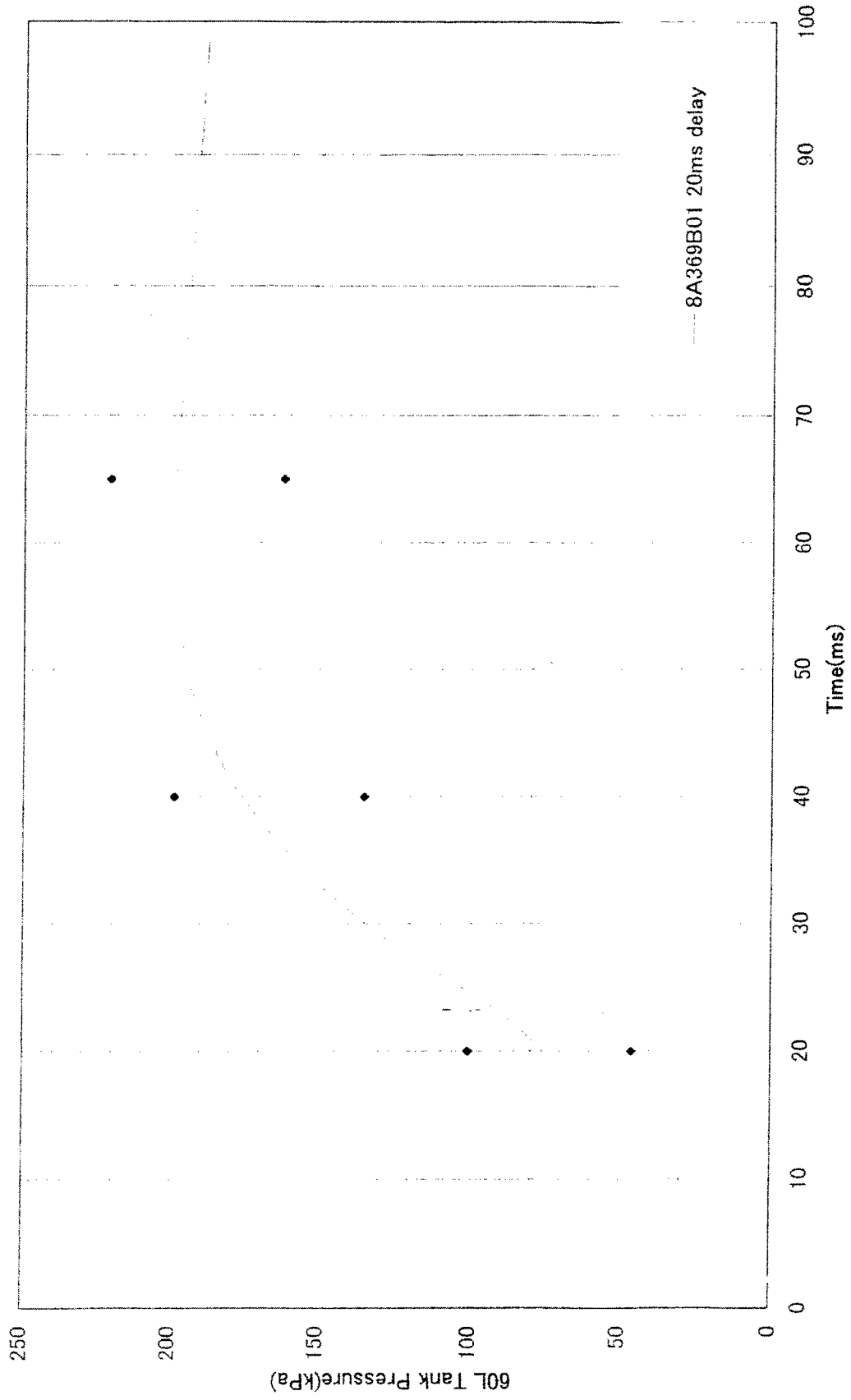
APPENDIX H

Group 10 DROP

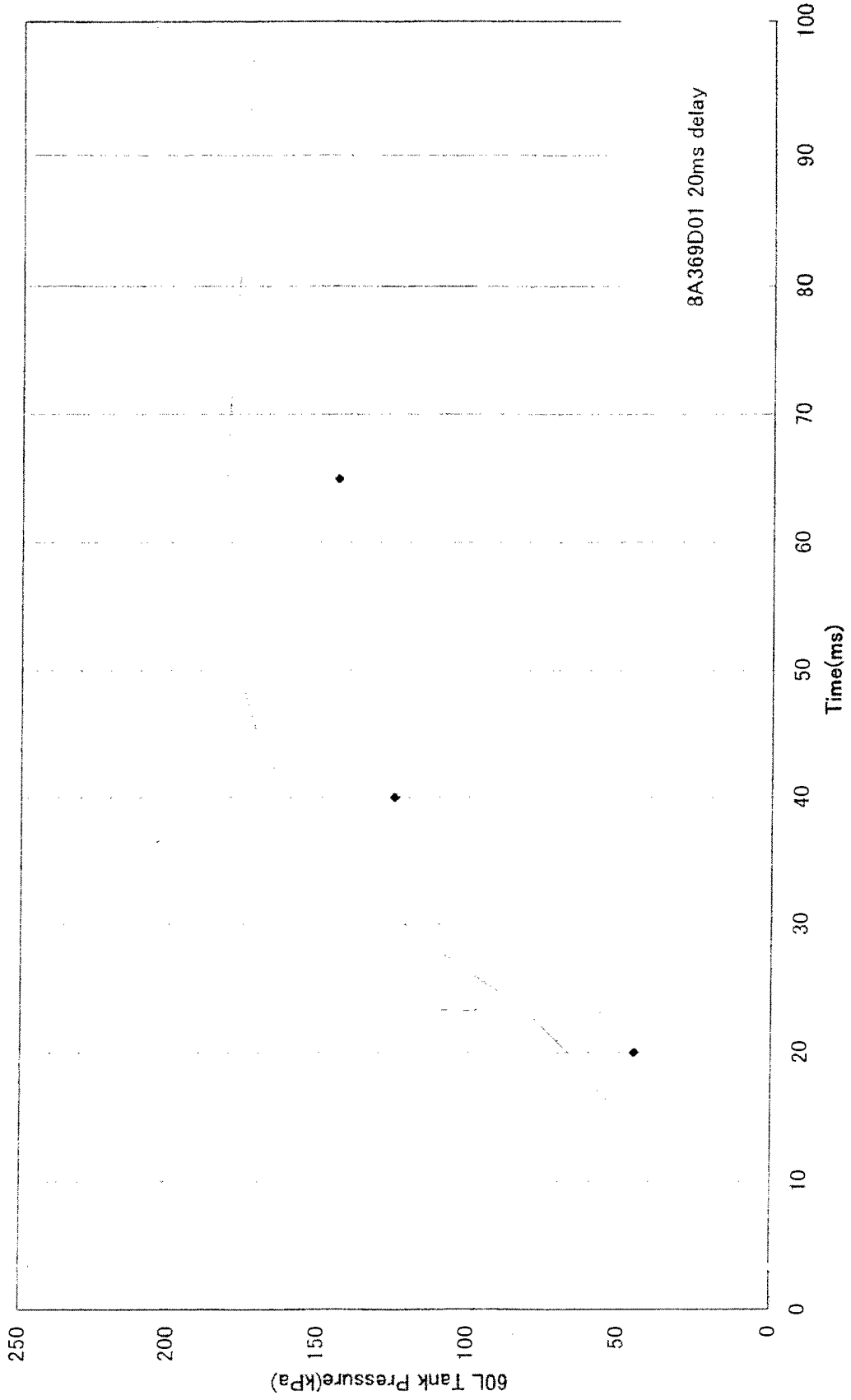
HONDA PSDI Group 10 (Drop Test)
@+22 deg.C (Amb) Simultaneously



HONDA PSDI Group 10 (Drop Test)
@+22 deg.C (Amb) 20ms delay

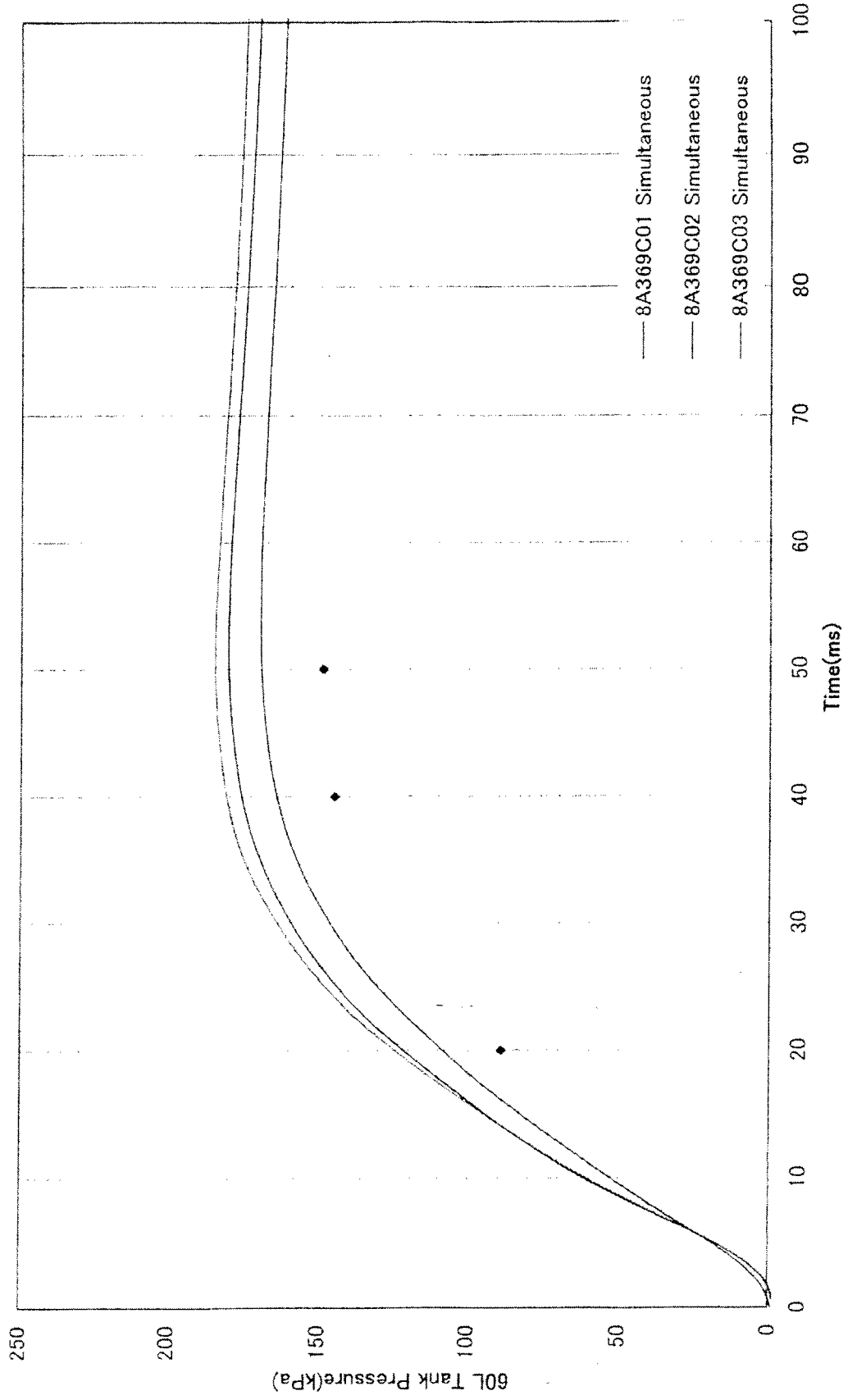


HONDA PSDI Group 10 (Drop Test)
@ -35 deg.C (Cold) 20ms delay

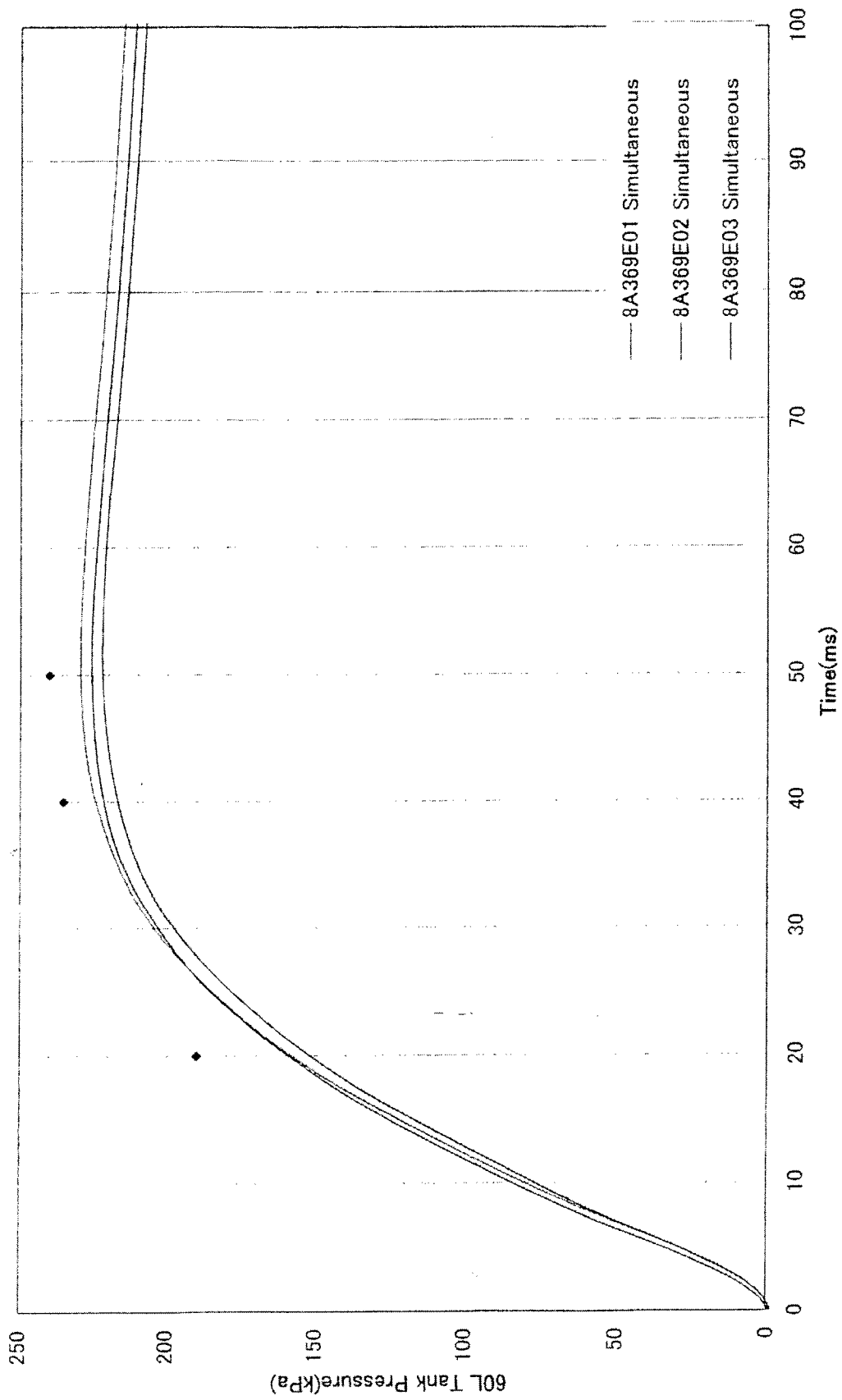


8A369D01 20ms delay

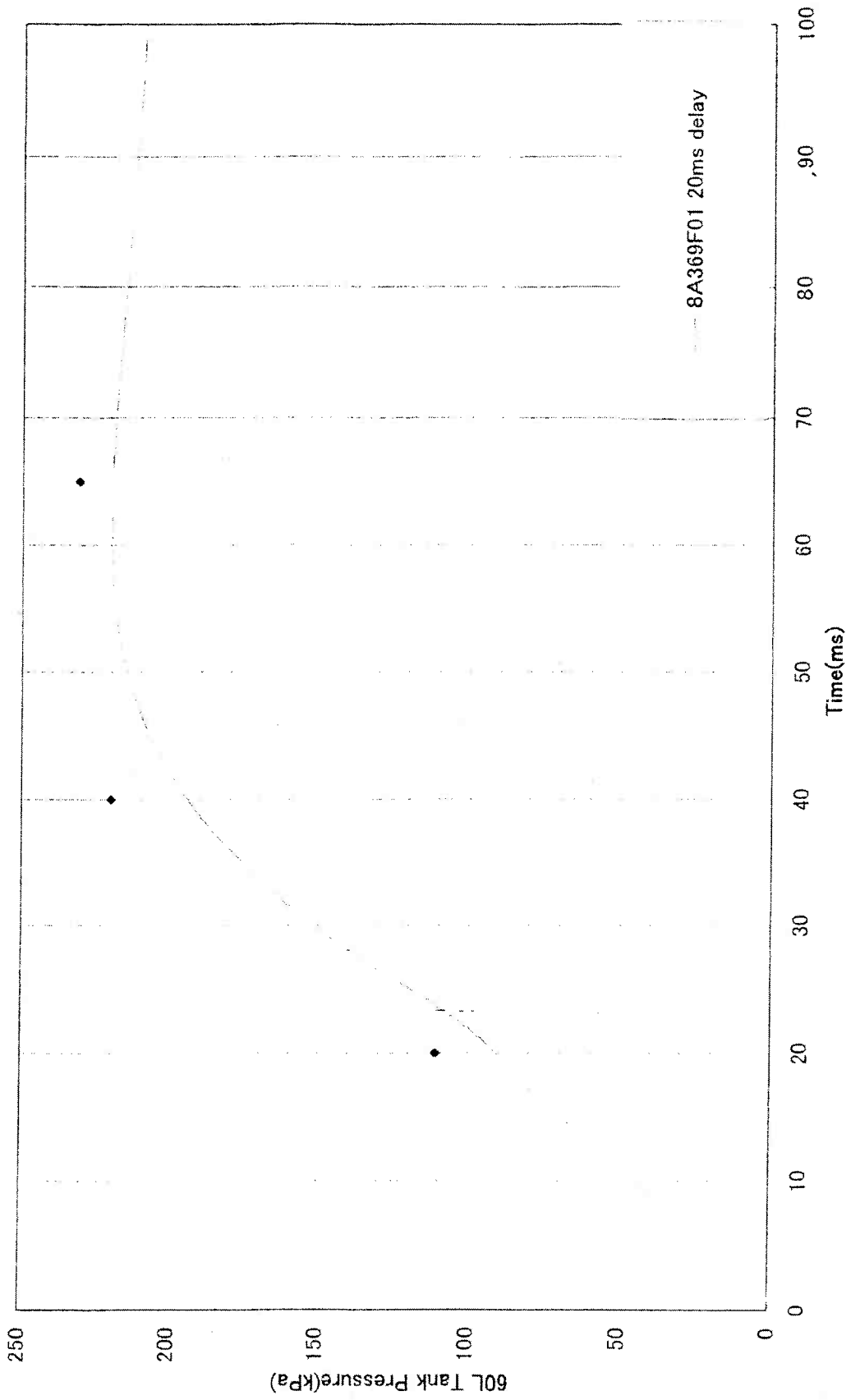
HONDA PSDI Group 10 (Drop Test)
@ -35 deg.C (Cold) Simultaneously



HONDA PSDI Group 10 (Drop Test)
@ +85 deg.C (Hot) Simultaneously



HONDA PSDI Group 10 (Drop Test)
@ +85 deg.C (Hot) 20ms delay

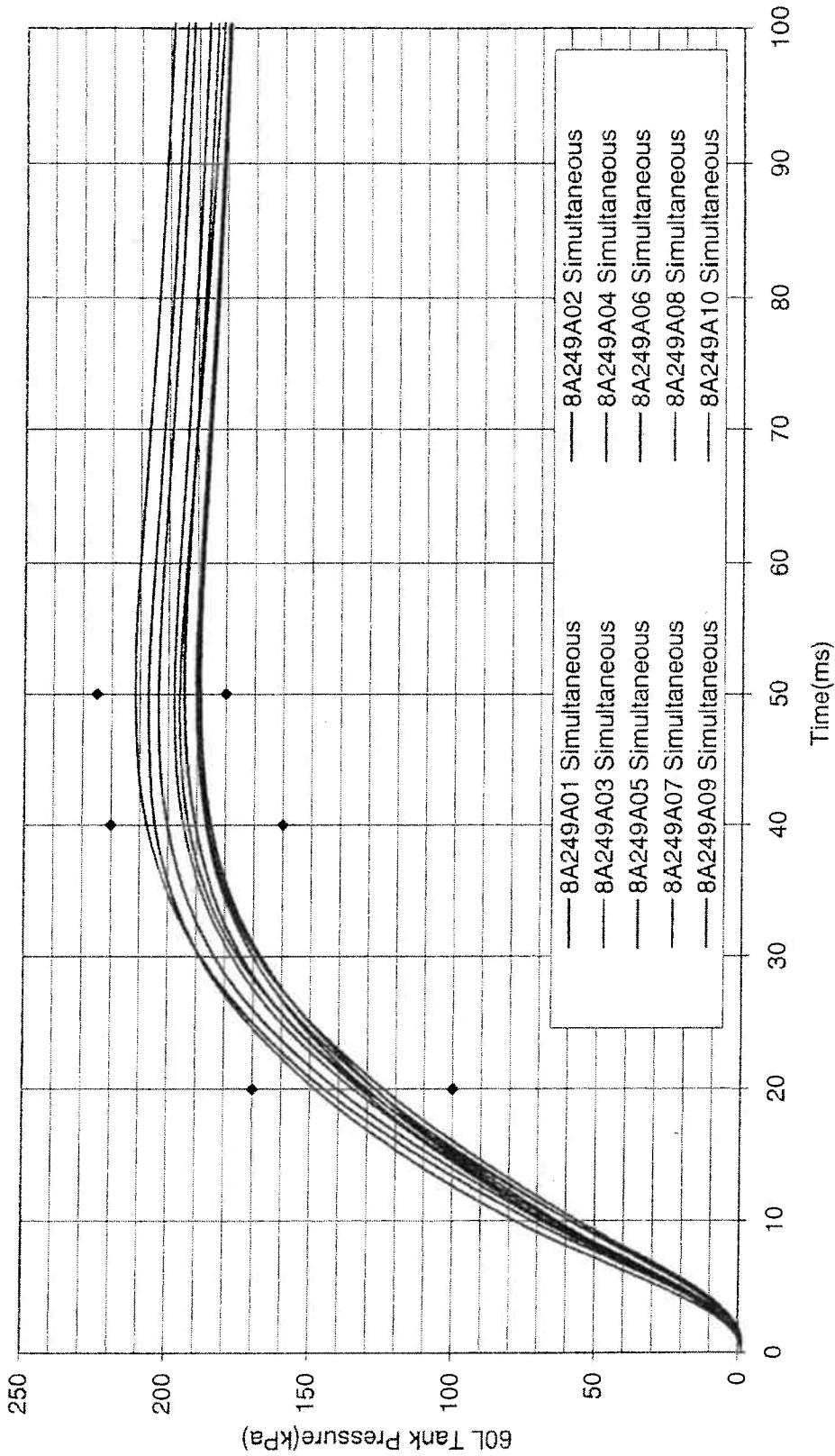


APPENDIX A

Higuchi Segmented Burst Tape Study

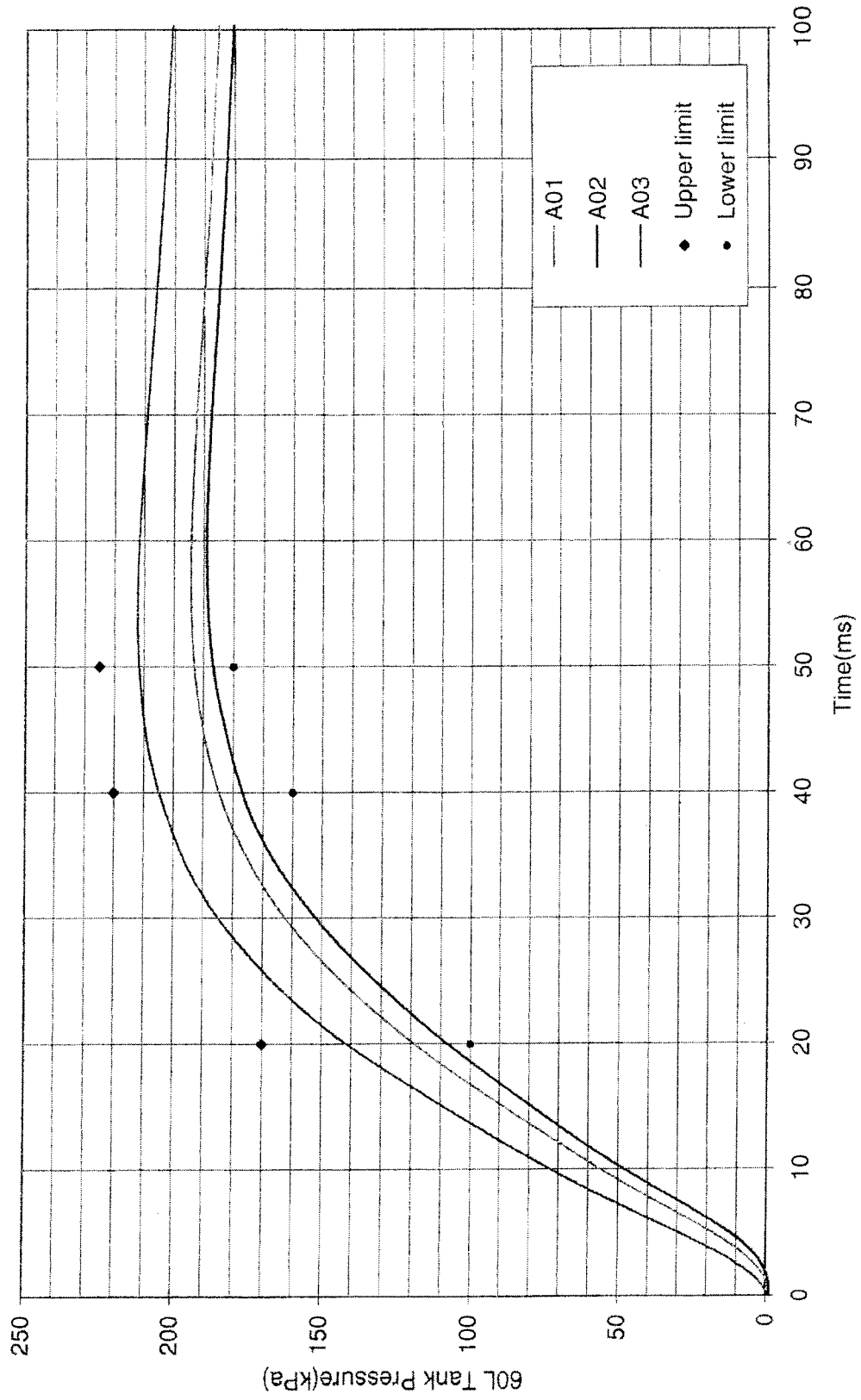
HONDA PSDI Group 1 (Baseline)
 @ +22 deg.C (Amb) Simultaneously

Incorrect data.
 Data does not match EAR. 8A249A04-
 8A249A10 does not exist. Test EAR
 cannot be found. 8A249A01-8A249A03
 corrected data on following page.



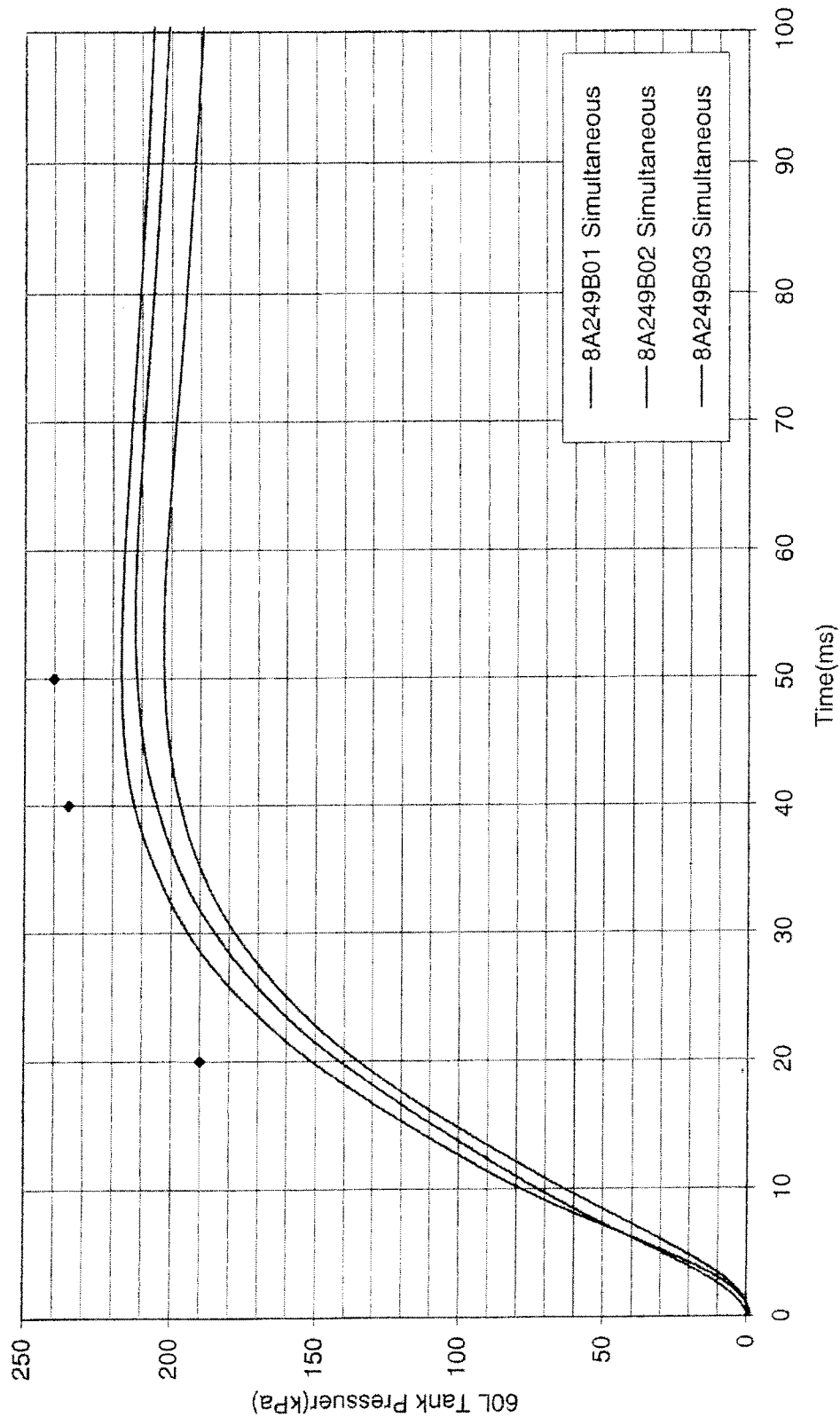
Corrected chart and data for
8A249 Group A.

Higuchi Segmented Burst Tape Study
EAR 8A249 Group A



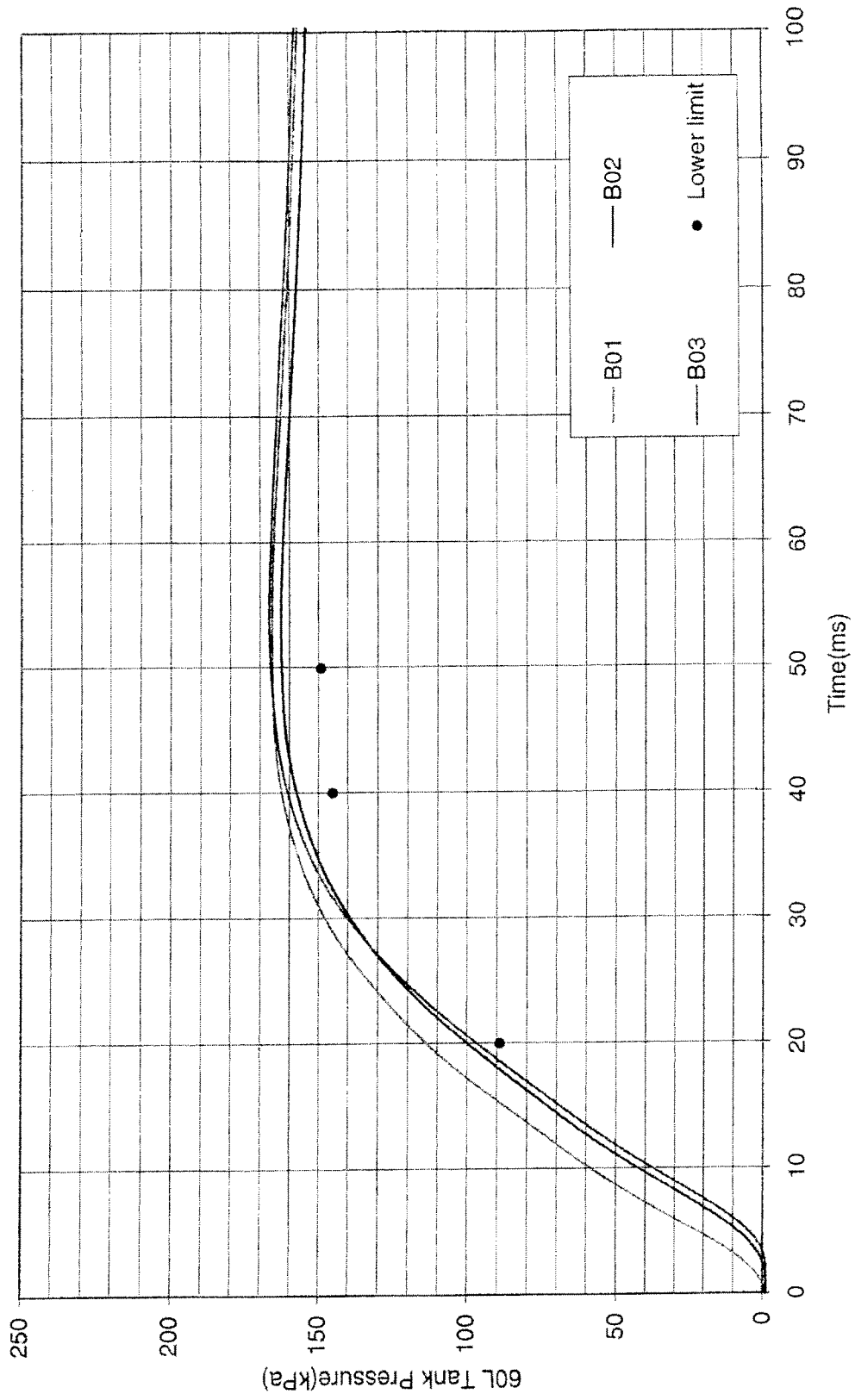
Incorrect data.
Data does not match EAR.
8A249B01-8A249AB03 corrected
data on following page.

HONDA PSDI Group1 (Baseline)
@ +85 deg.C (Hot) Simultaneously



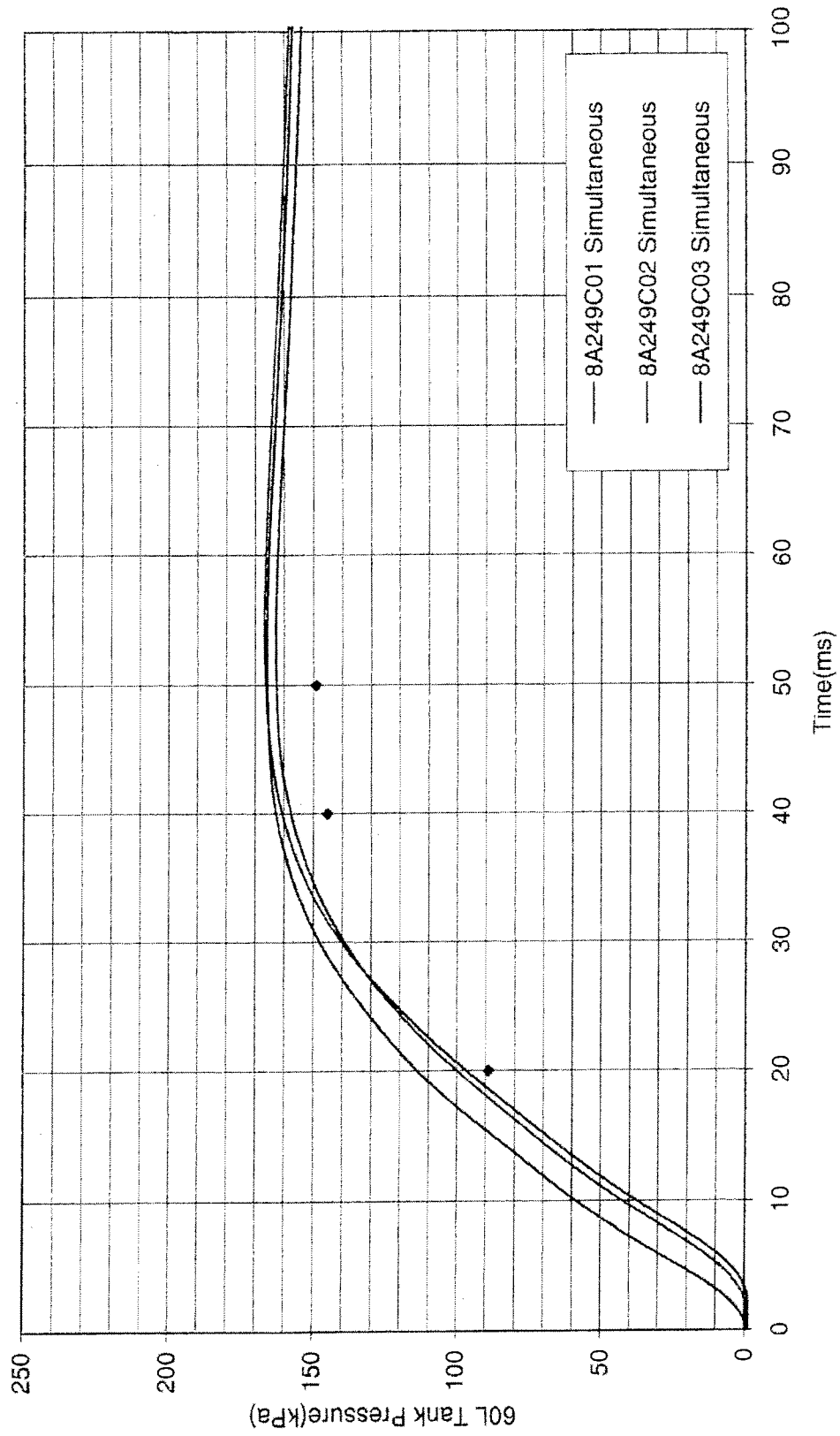
Corrected chart and data for
8A249 Group B.

Higuchi Segmented Burst Tape Study
EAR 8A249 Group B



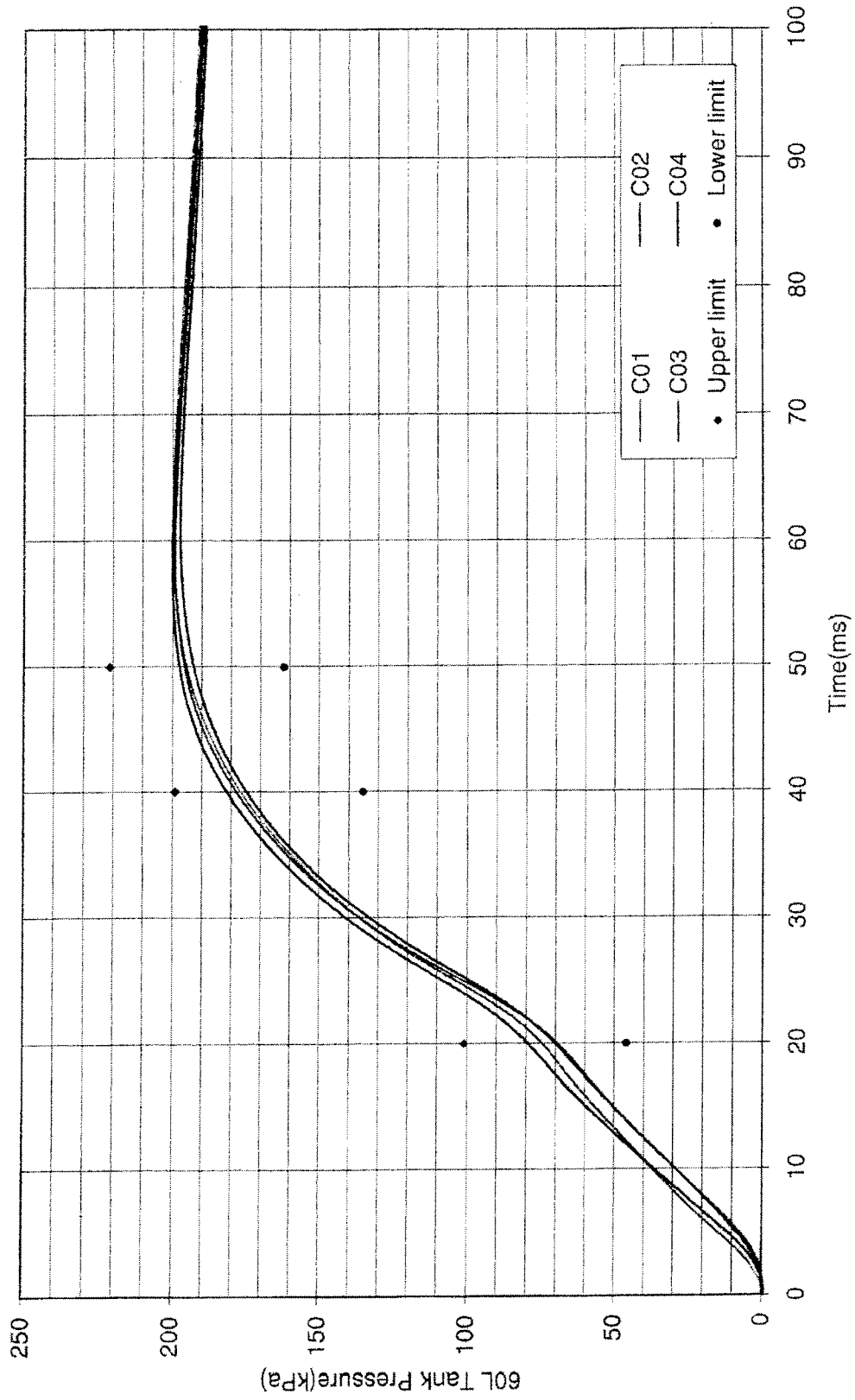
HONDA PSDI Group 1 (Baseline)
@ -35 deg.C (Cold) Simultaneously

Incorrect data.
Data does not match EAR.
8A249C01-8A249AC04 corrected
data on following page.

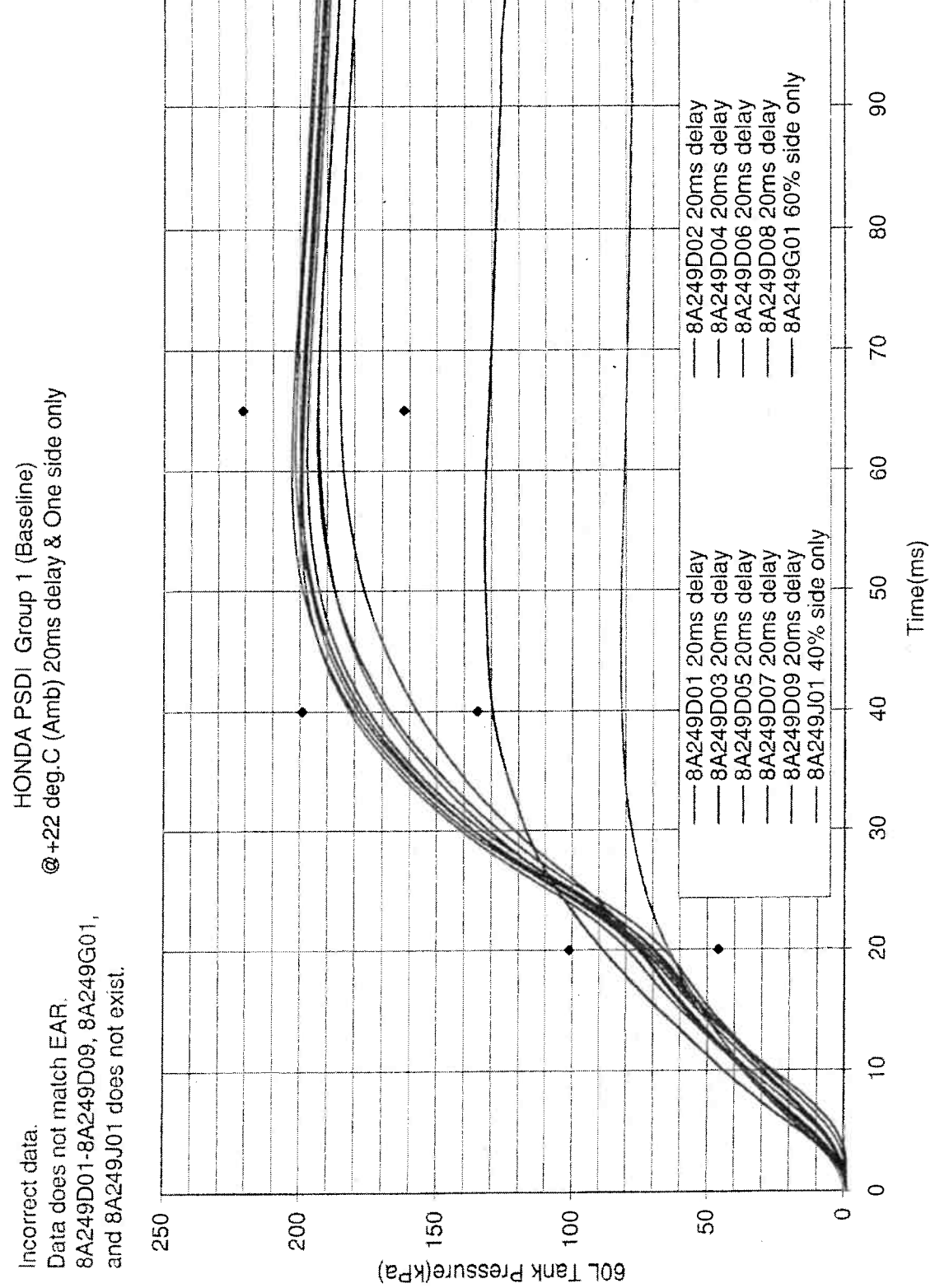


Corrected chart and data for
8A249 Group C.

Higuchi Segmented Burst Tape Study
EAR 8A249 Group C

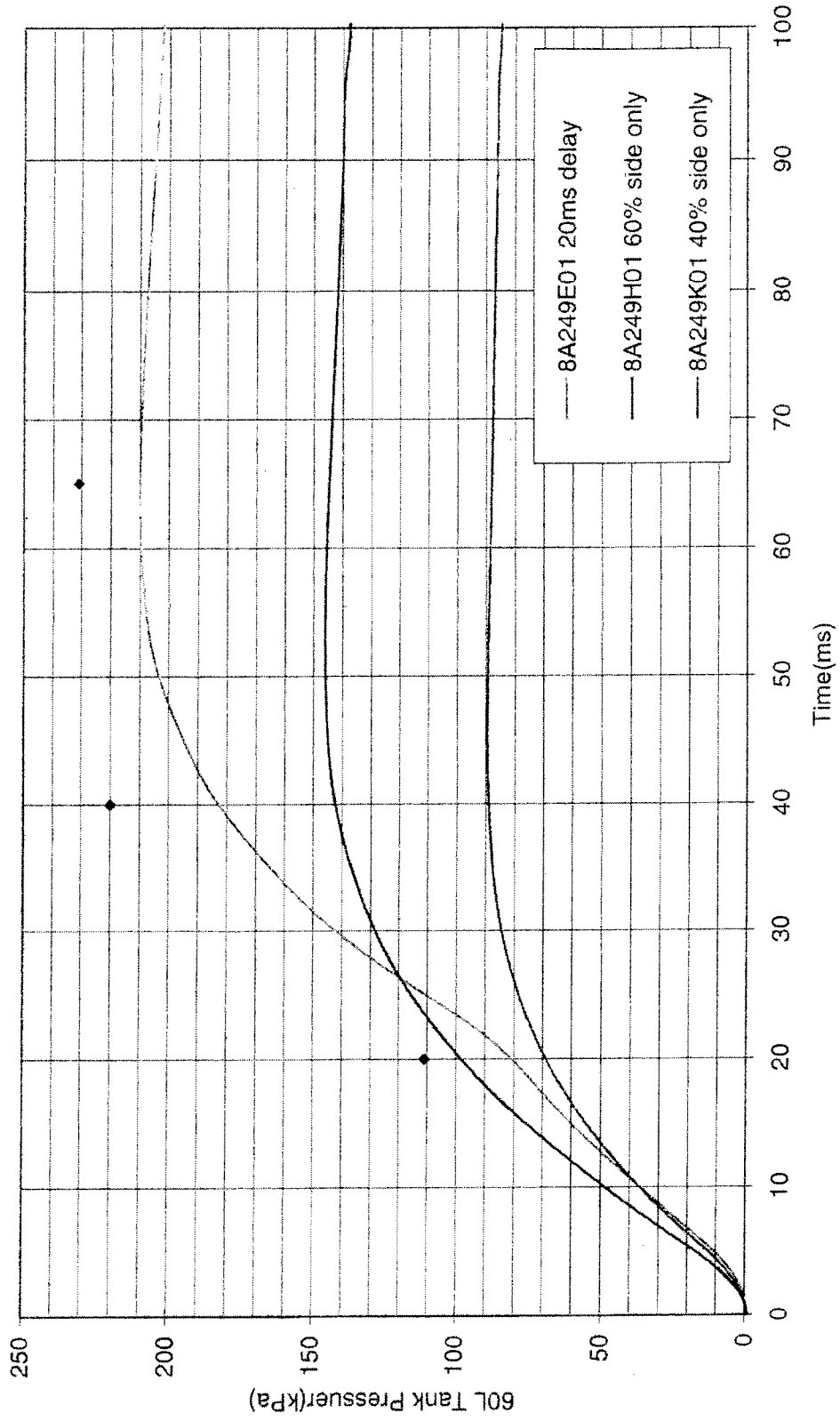


Incorrect data.
 Data does not match EAR.
 8A249D01-8A249D09, 8A249G01,
 and 8A249J01 does not exist.



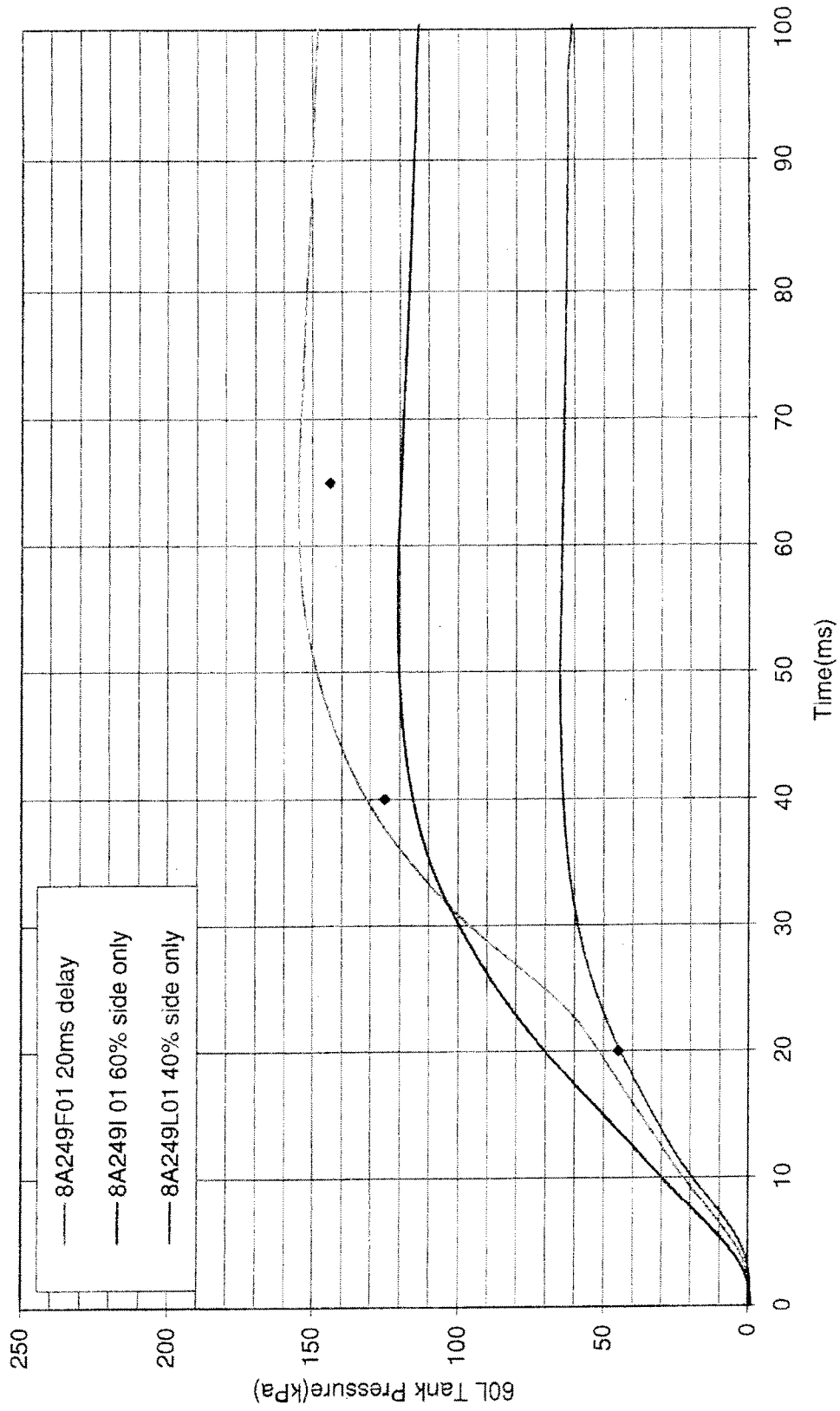
Incorrect data.
 Data does not match EAR. Data for @ +85 deg.C (Hot) 20ms delay & One side only
 8A249E, 8A249H, and 8A249K does not exist.

HONDA PSDI Group1 (Baseline)



Incorrect data.
 Data does not match EAR. Data for @-35 deg.C (Cold) 20ms delay & One side only
 8A249F01, 8A249I01, and 8A249L01
 does not exist.

HONDA PSDI Group 1 (Baseline)



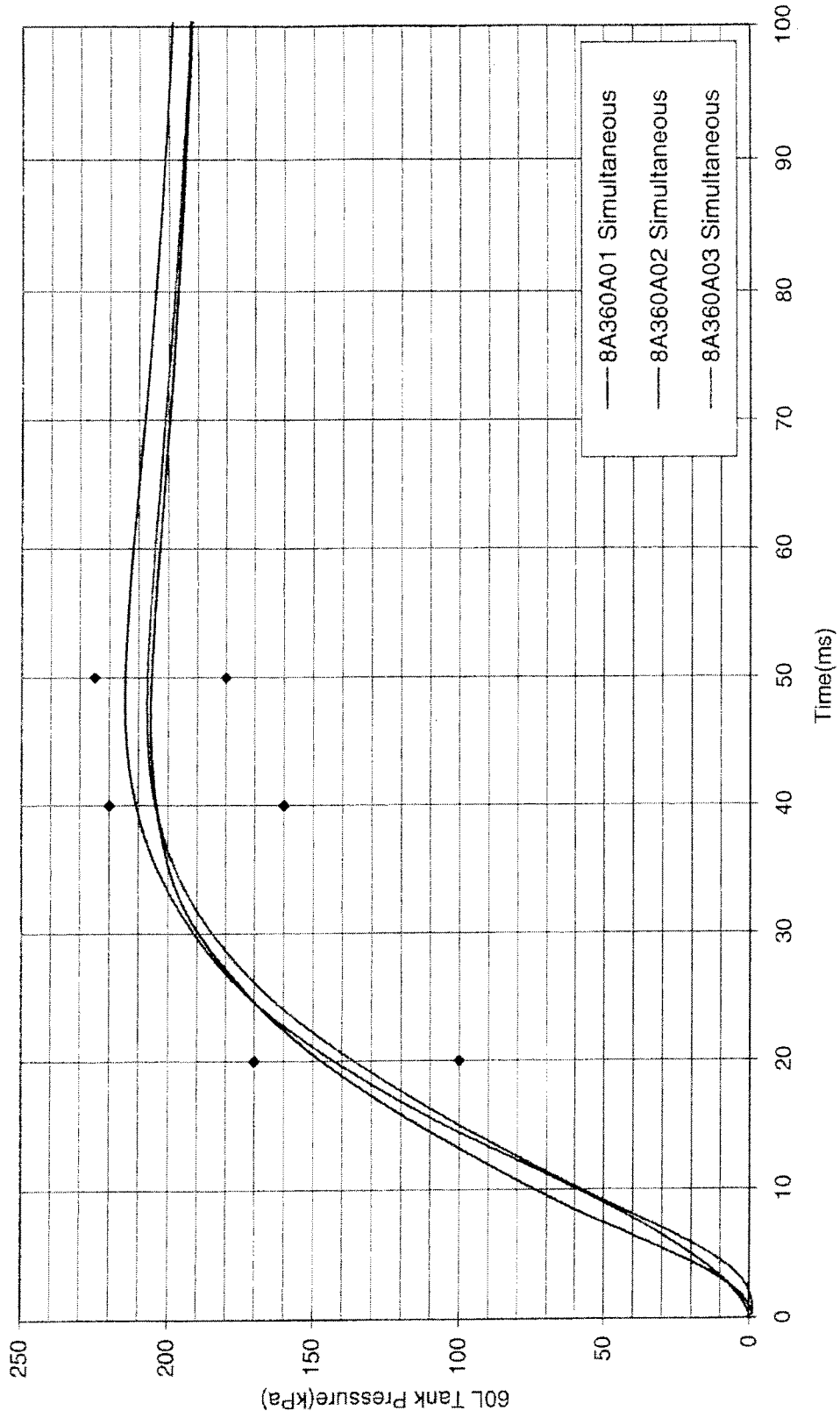


APPENDIX B

High Temperature Aging Test Group 4

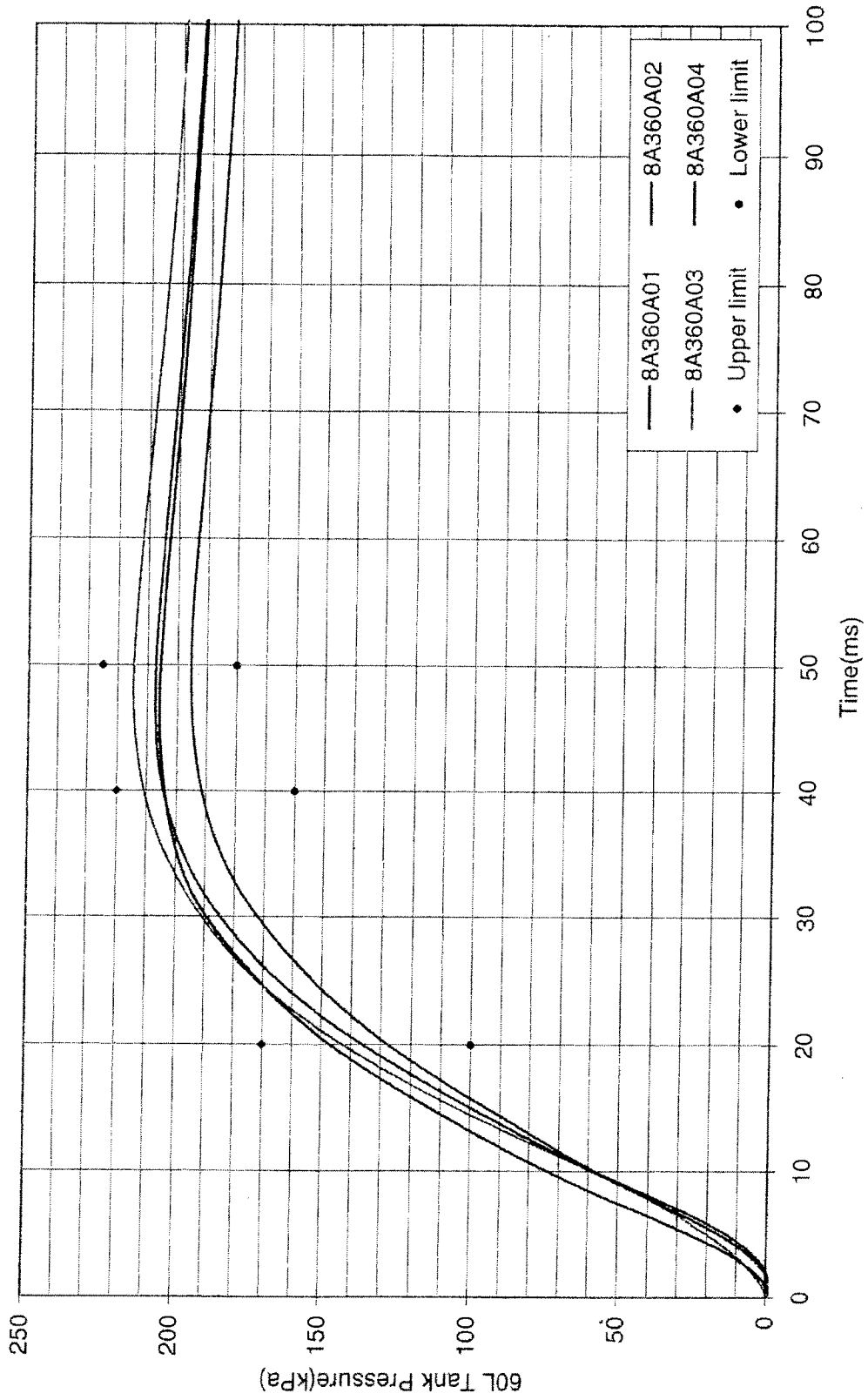
HONDA PSDI Group 4 (High Temperature Aging Test)
@+22 deg.C (Amb) Simultaneously

Incorrect data.
Data does not match EAR.
8A360A01-8A360A04 corrected
data on following page.



Corrected chart and data for
8A360 Group A.

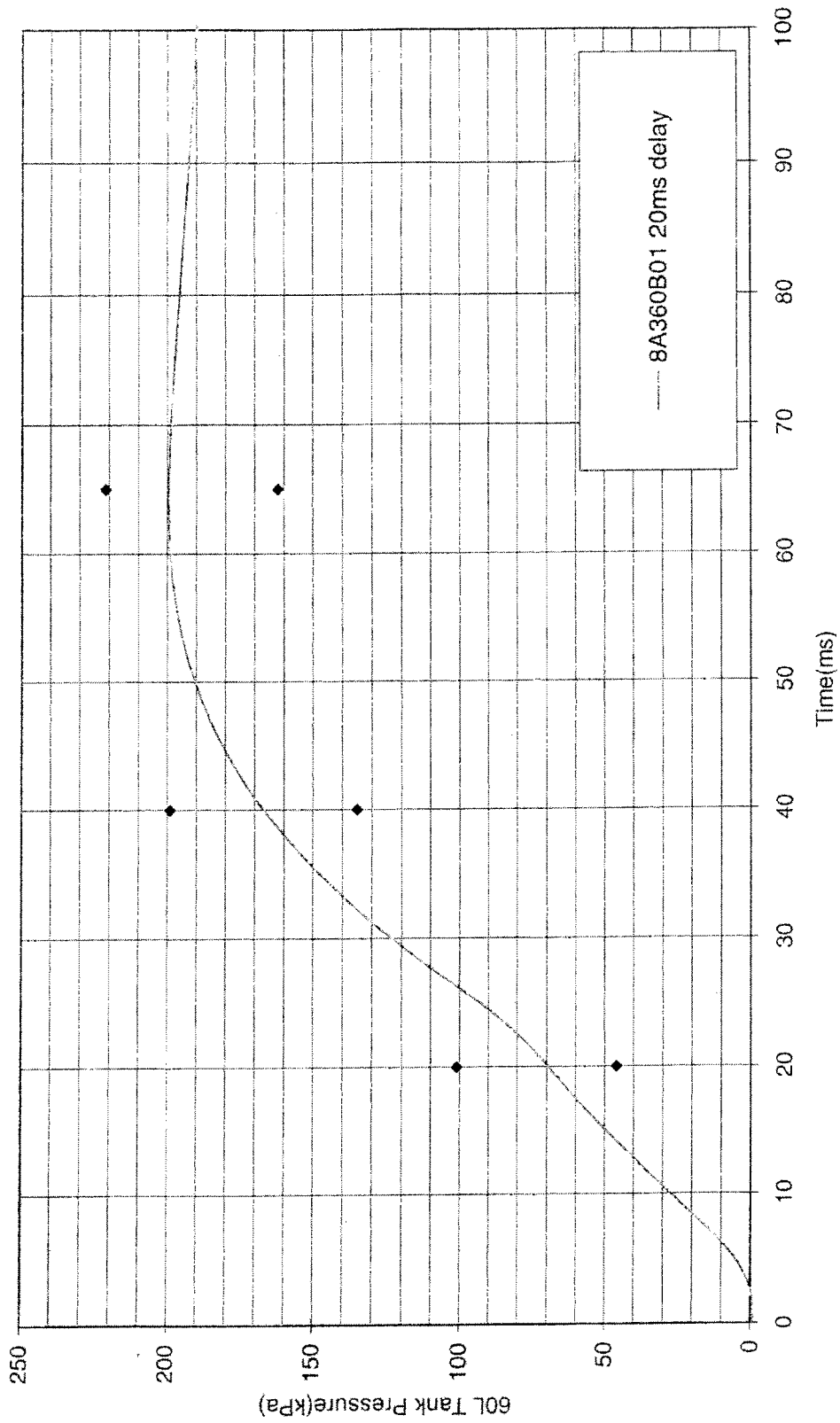
High Temperature Aging Test Group 4
EAR 8A360 Group A



HONDA PSDI Group 4 (High Temperature Aging Test)

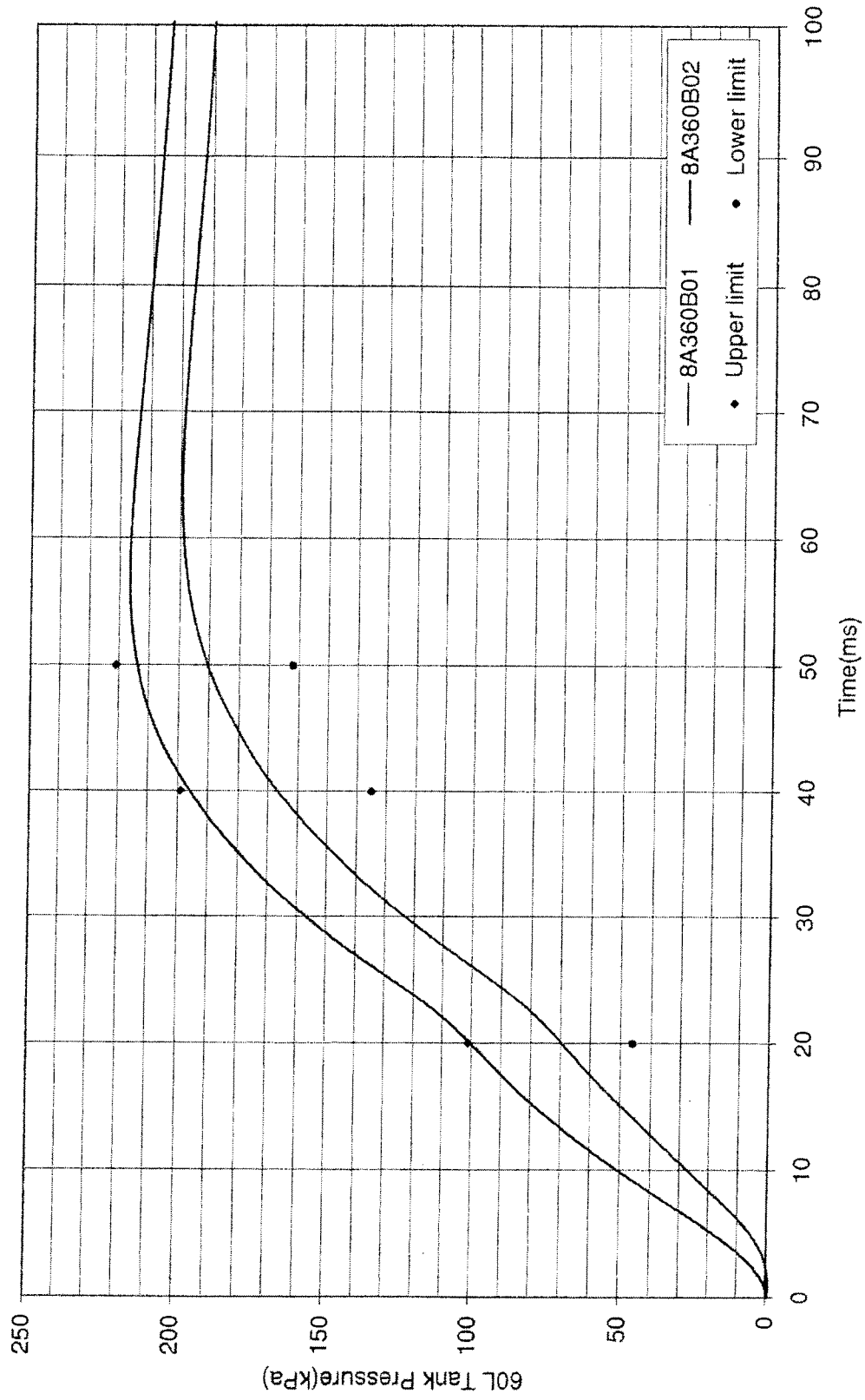
Incorrect data.
Data does not match EAR.
8A360B01 and 8A360B02
corrected data on following page.

@ +22 deg.C (Amb) 20ms delay



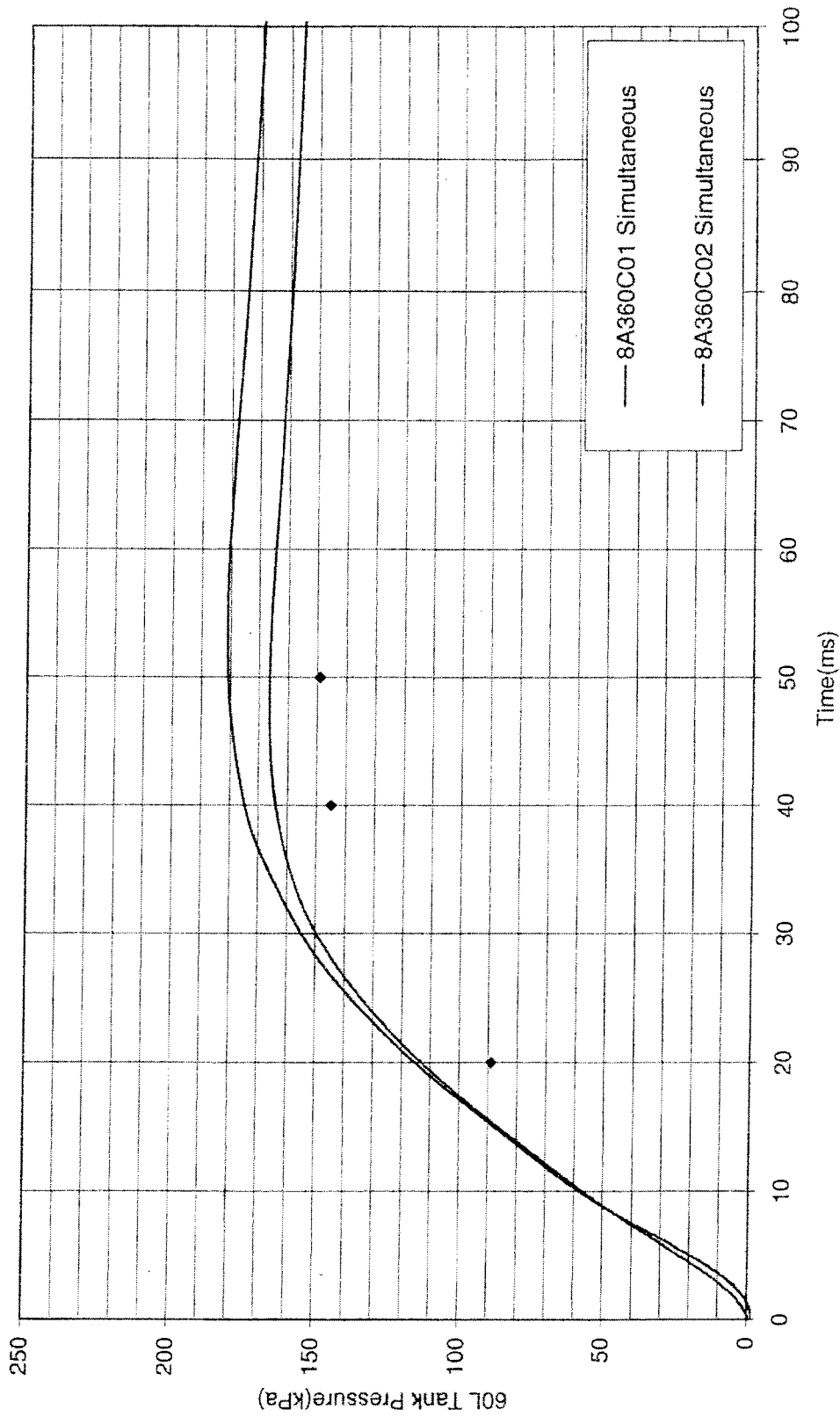
Corrected chart and data for
8A360 Group B.

High Temperature Aging Test Group 4
EAR 8A360 Group B



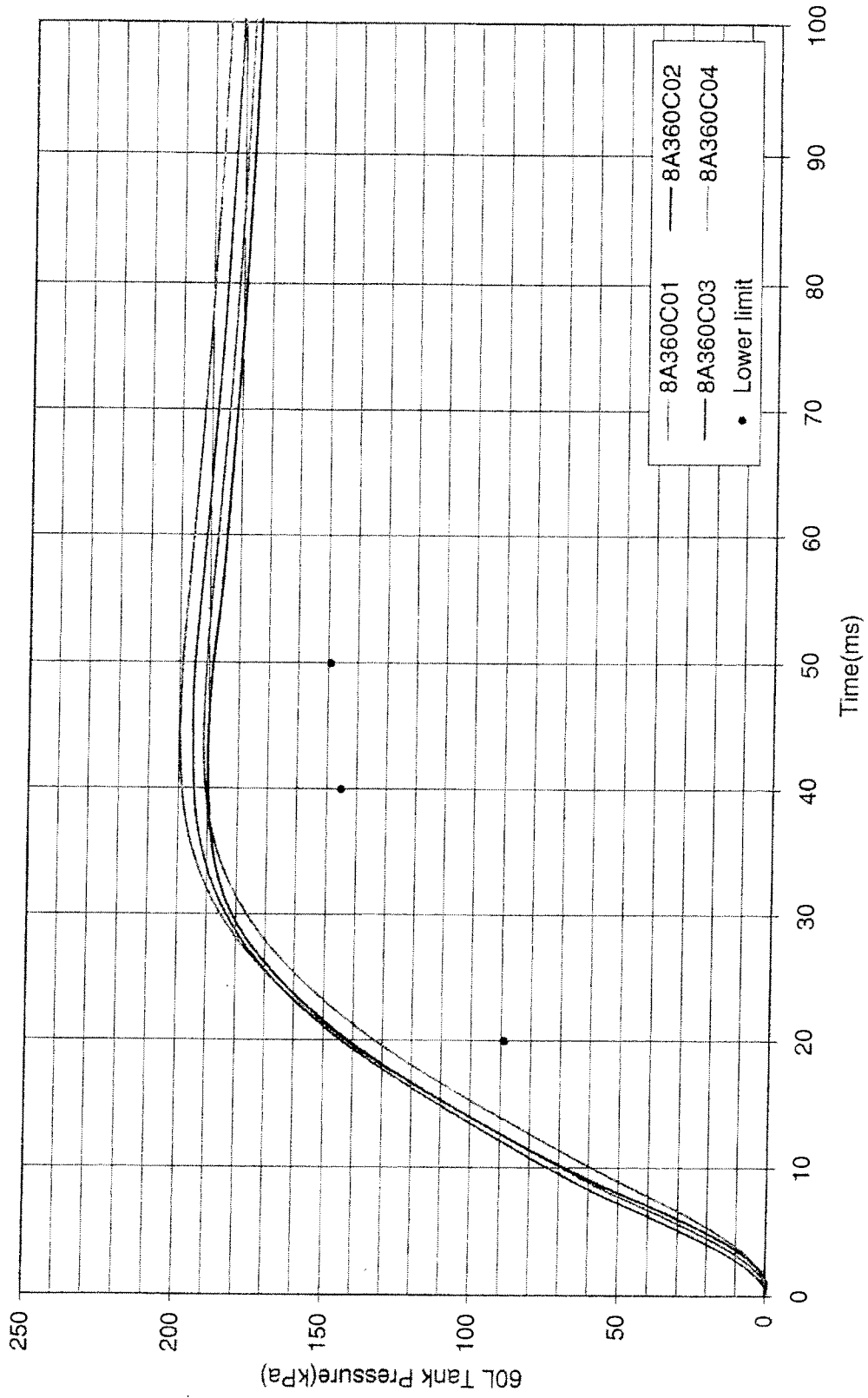
HONDA PSDI Group 4 (High Temperature Aging Test)
@ -35 deg.C (Cold) Simultaneously

Incorrect data.
Data does not match EAR.
8A360C01-8A360C04 corrected
data on following page.



Corrected chart and data for
8A360 Group C.

High Temperature Aging Test Group 4
EAR 8A360 Group C



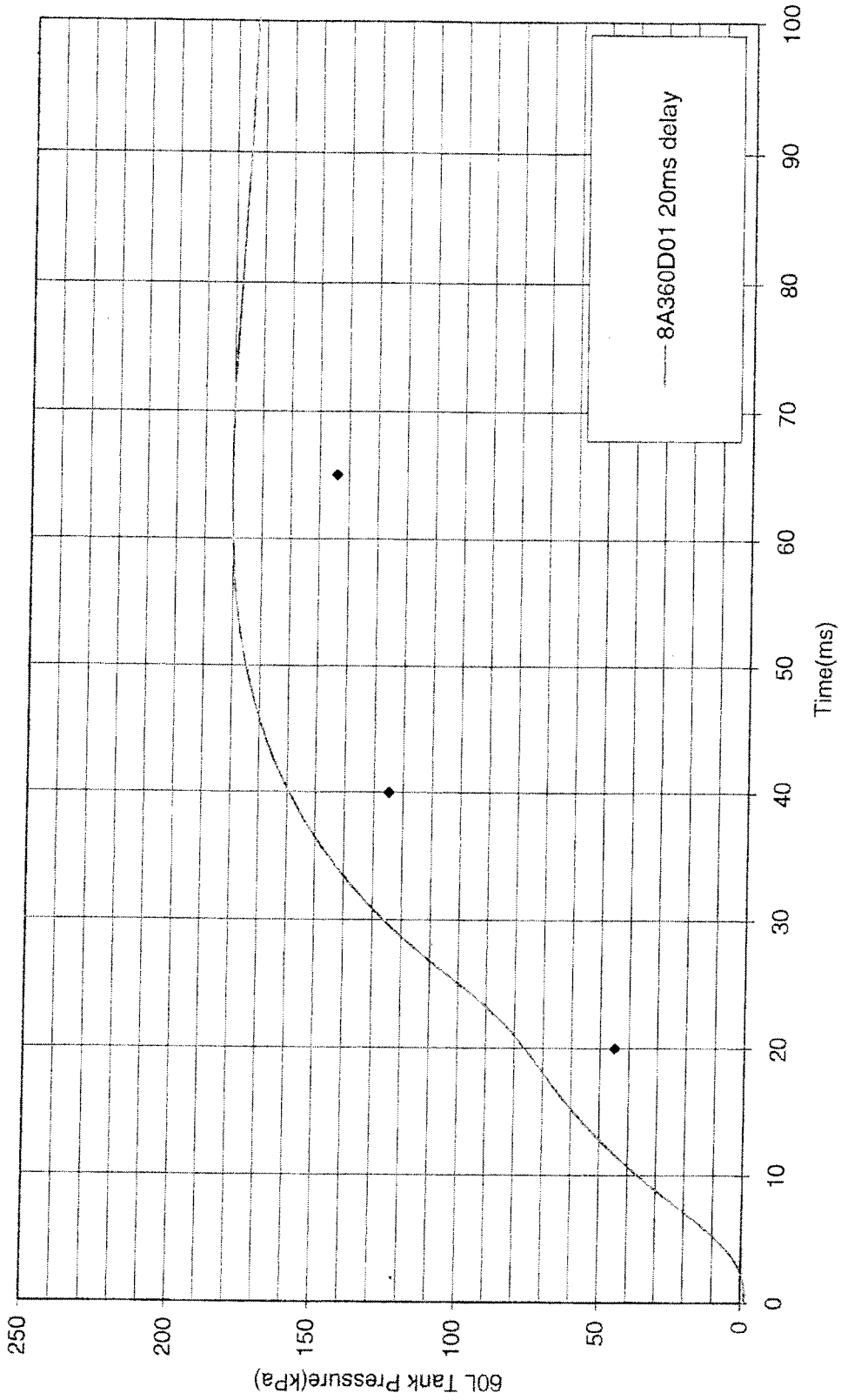
HONDA PSDI Group 4 (High Temperature Aging Test)

@ -35 deg.C (Cold) 20ms delay

Incorrect data.

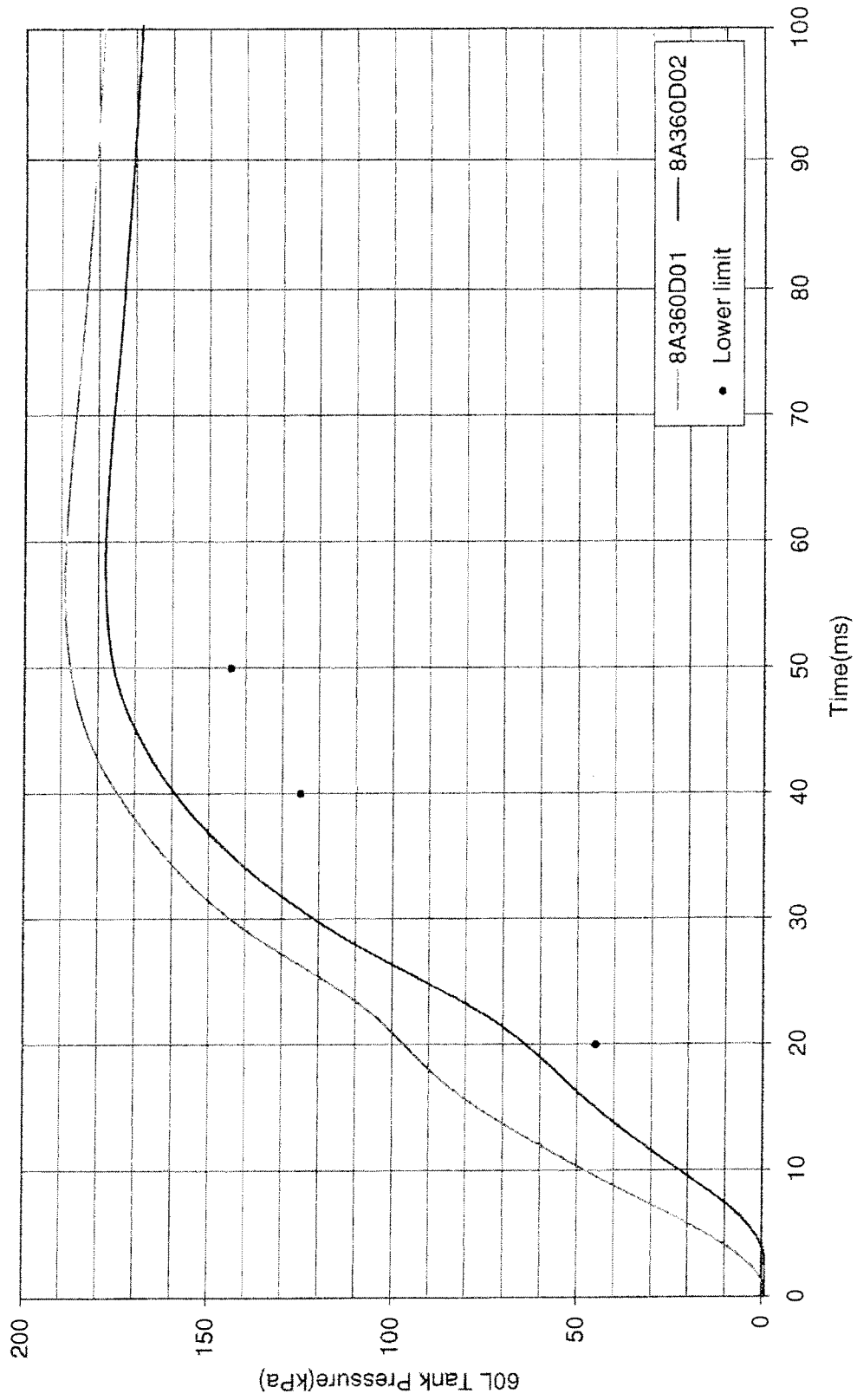
Data does not match EAR.

8A360D01-8A360D02 corrected data on following page.



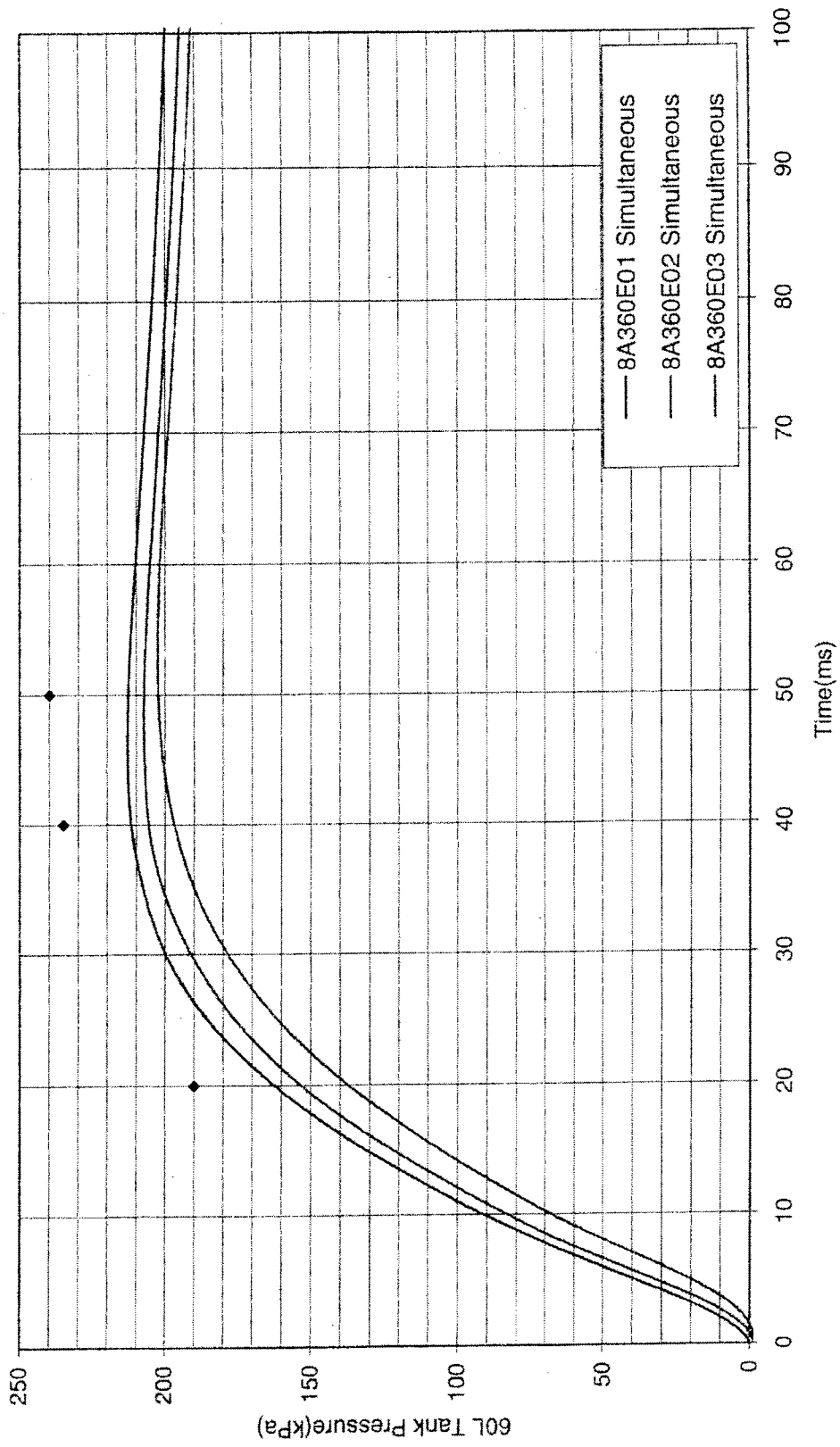
Corrected chart and data for
8A360 Group D.

High Temperature Aging Test Group 4
EAR 8A360 Group D



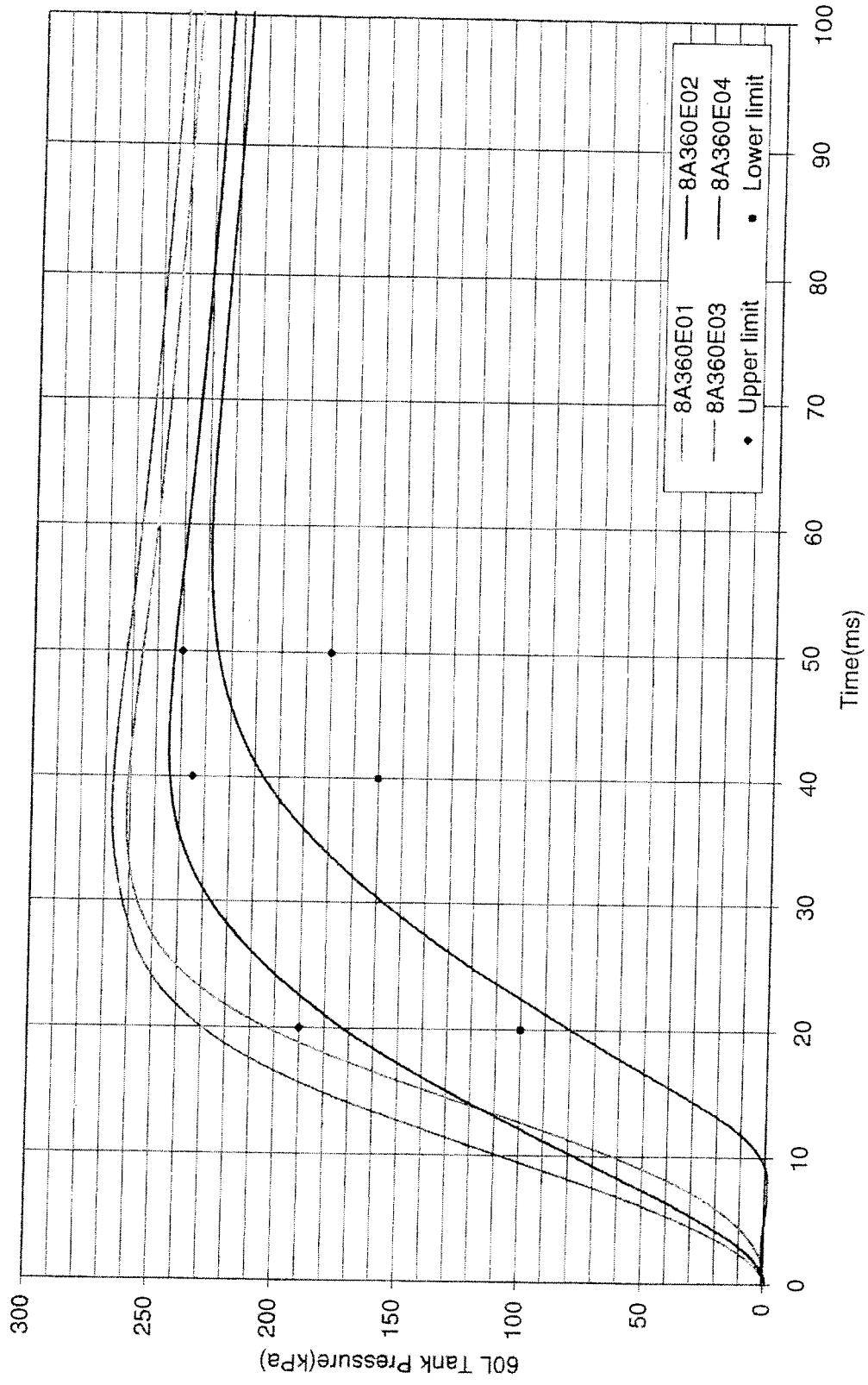
HONDA PSDI Group 4 (High Temperature Aging Test)
@ +85 deg.C (Hot) Simultaneously

Incorrect data.
Data does not match EAR.
8A360E01-8A360E04 corrected
data on following page.



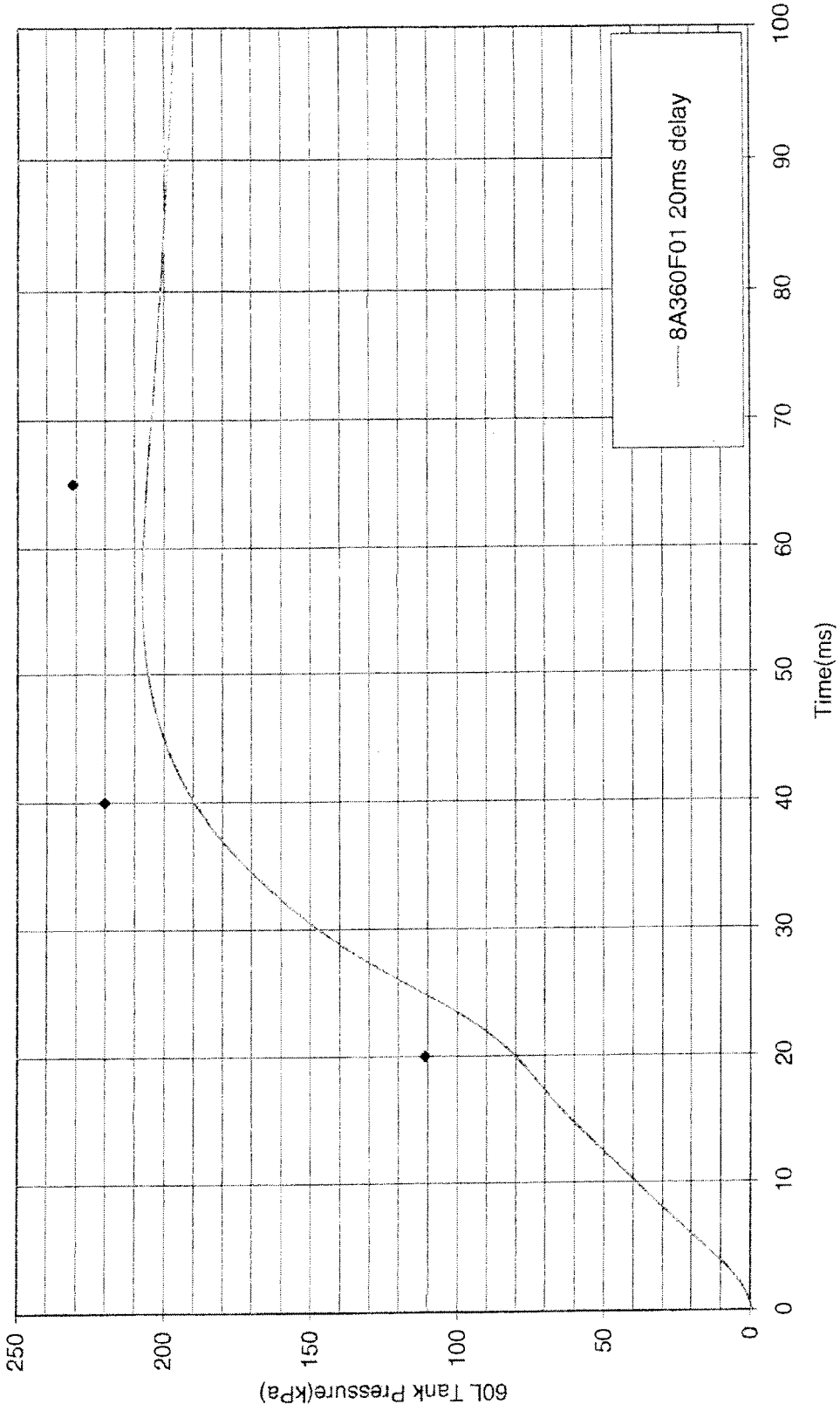
Corrected chart and data for
8A360 Group E.

High Temperature Aging Test Group 4
EAR 8A360 Group E



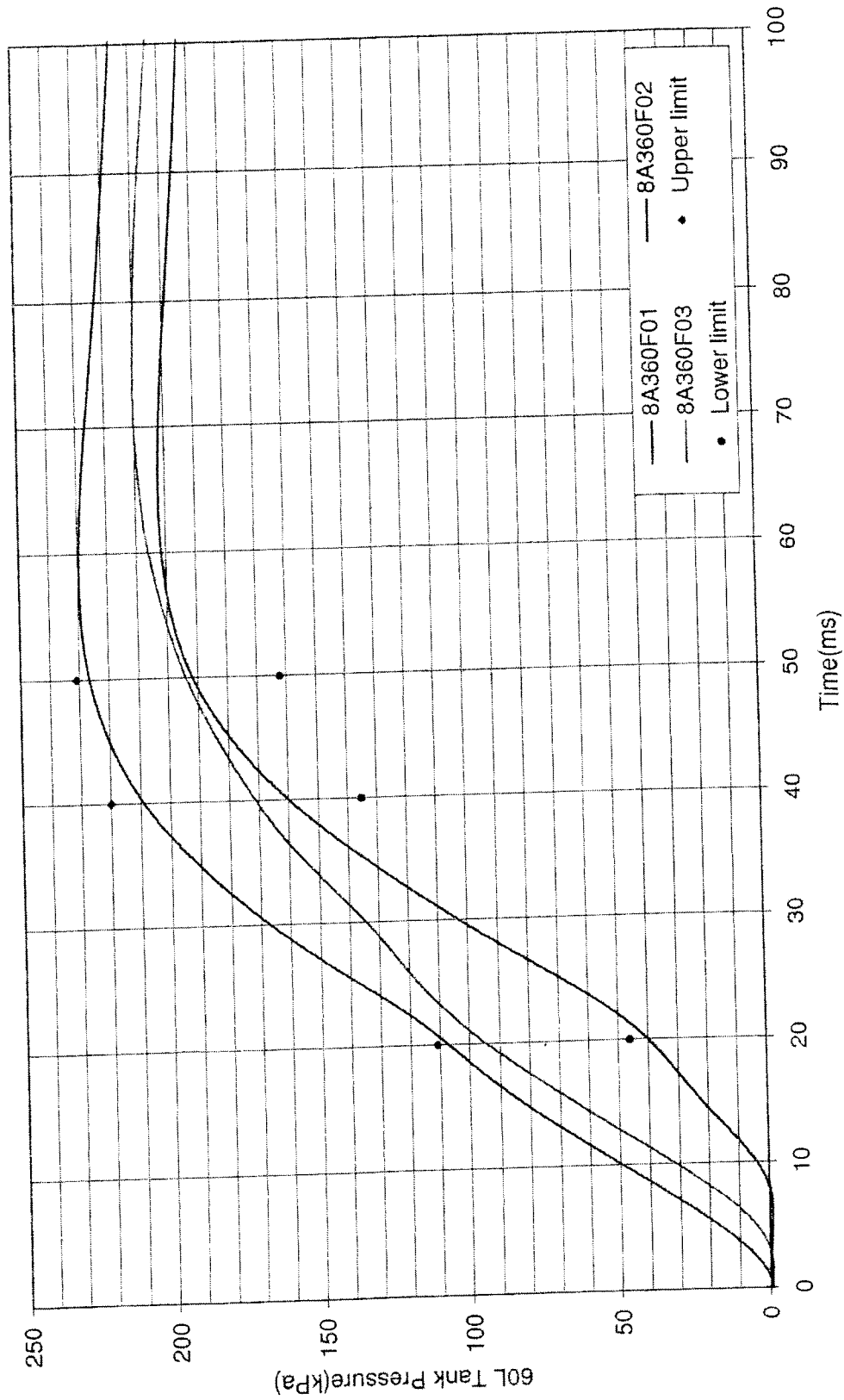
HONDA PSDI Group 4 (High Temperature Aging Test)
@ +85 deg.C (Hot) 20ms delay

Incorrect data.
Data does not match EAR.
8A360F01-8A360F03 corrected
data on following page.



High Temperature Aging Test Group 4
 EAR 8A360 Group F

Corrected chart and data for
 8A360 Group F.

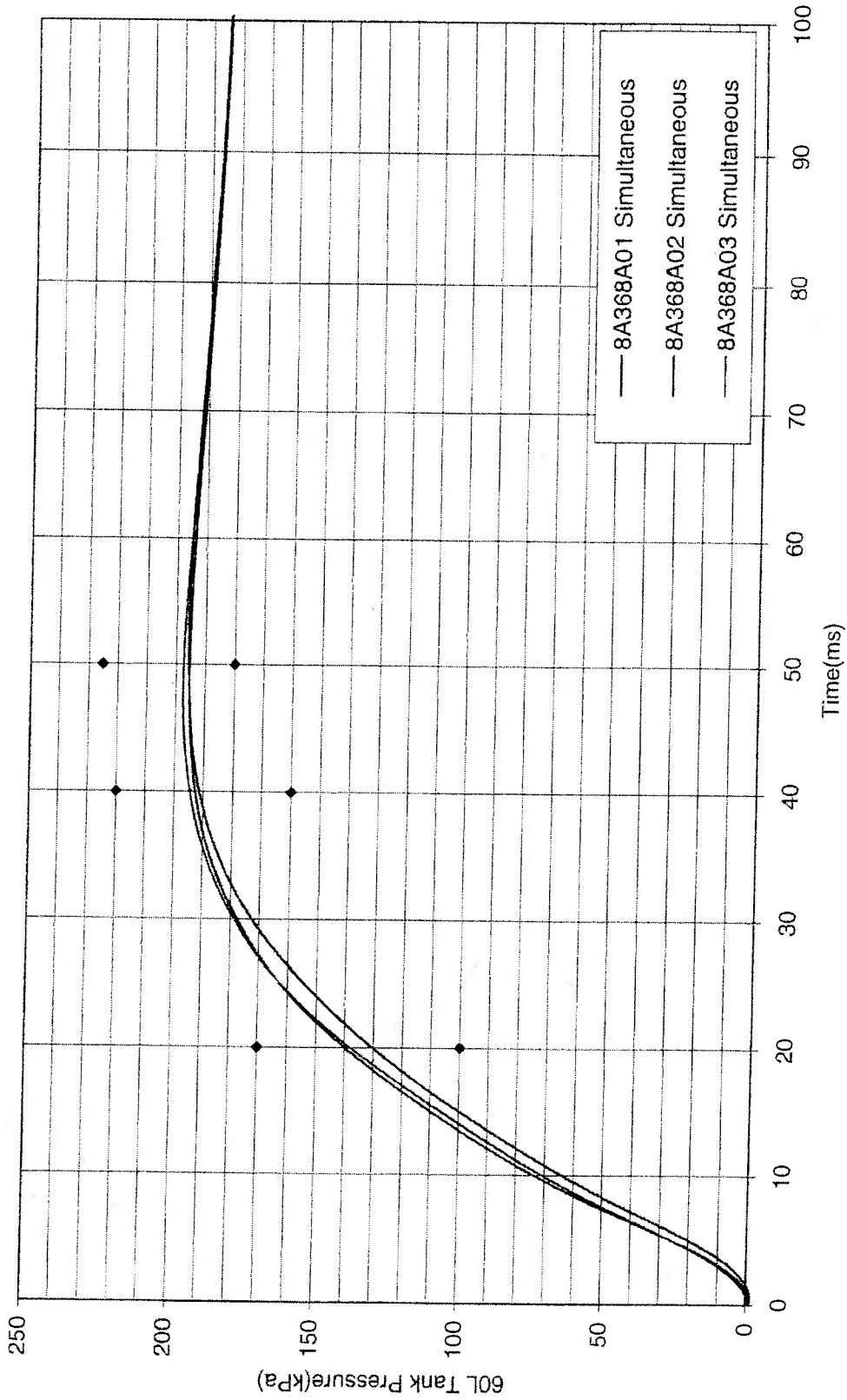


APPENDIX C

Low Temperature Aging Test Group 5

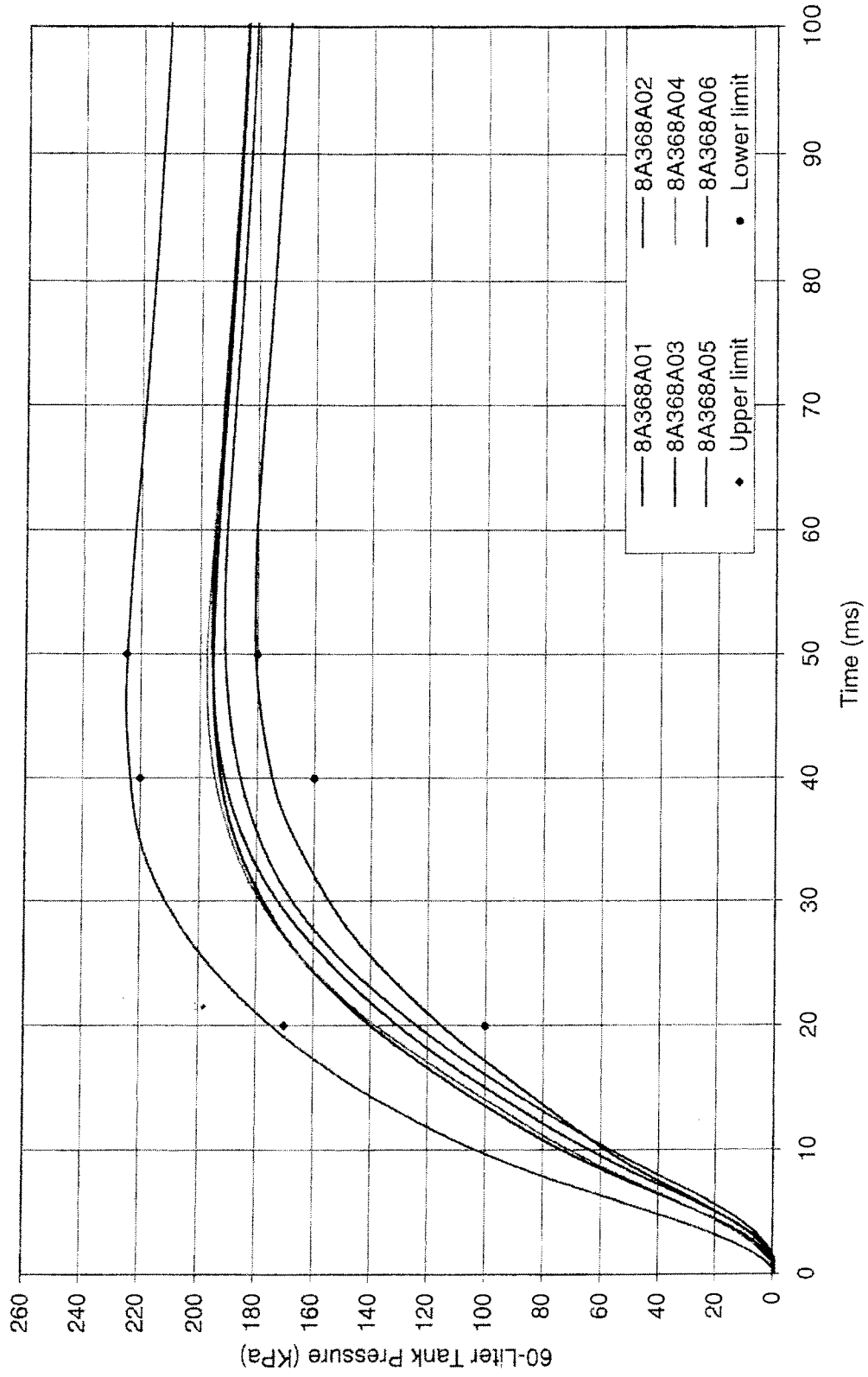
HONDA PSDI Group 5 (Low Temperature Aging Test)
 @ +22 deg.C (Amb) Simultaneously

Incorrect data.
 Data does not match EAR.
 8A368A01-8A368A06 corrected
 data on following page.

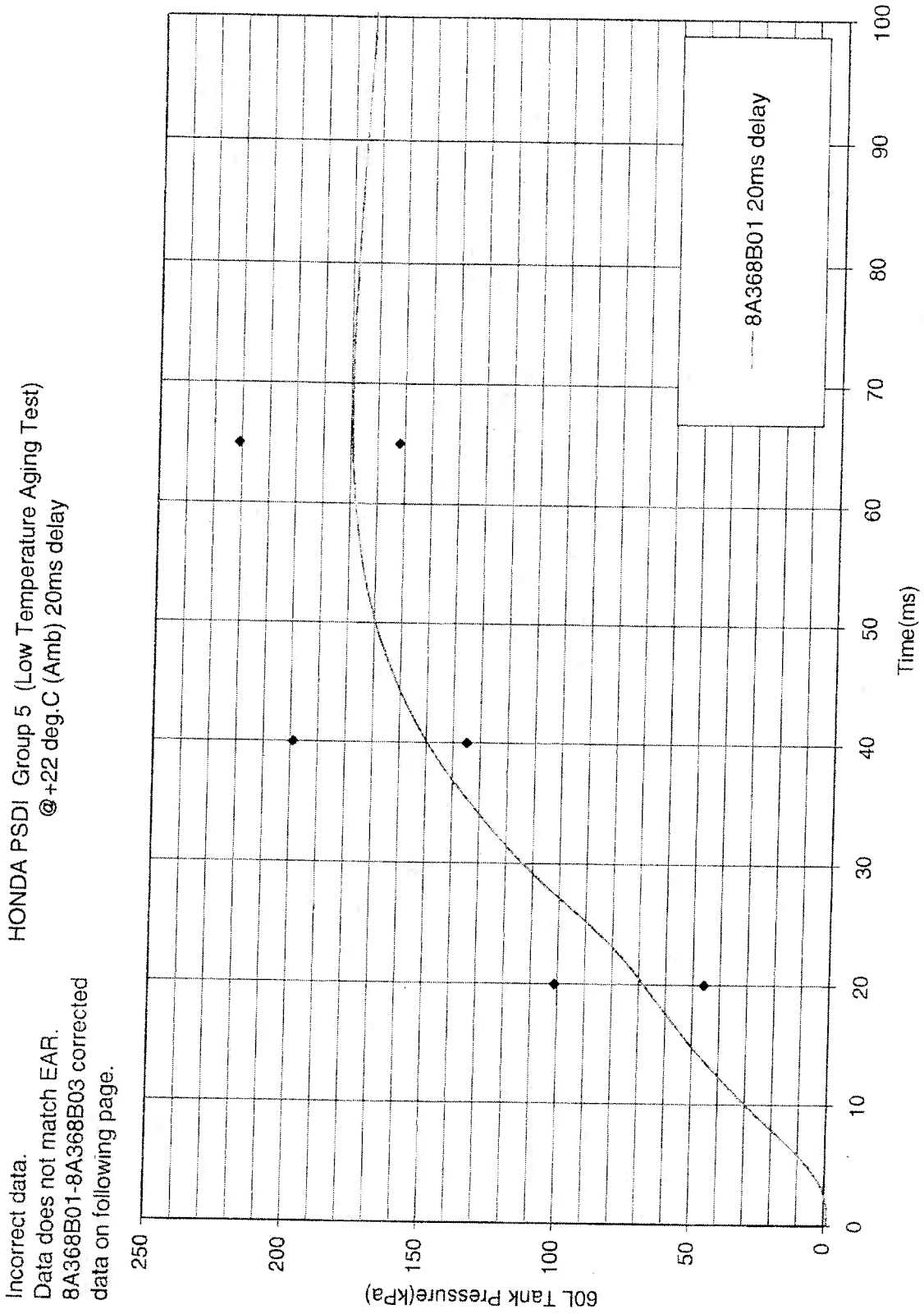


Corrected chart and data for
8A368 Group A.

Low Temperature Aging Test Group 5
EAR 8A368 Group A

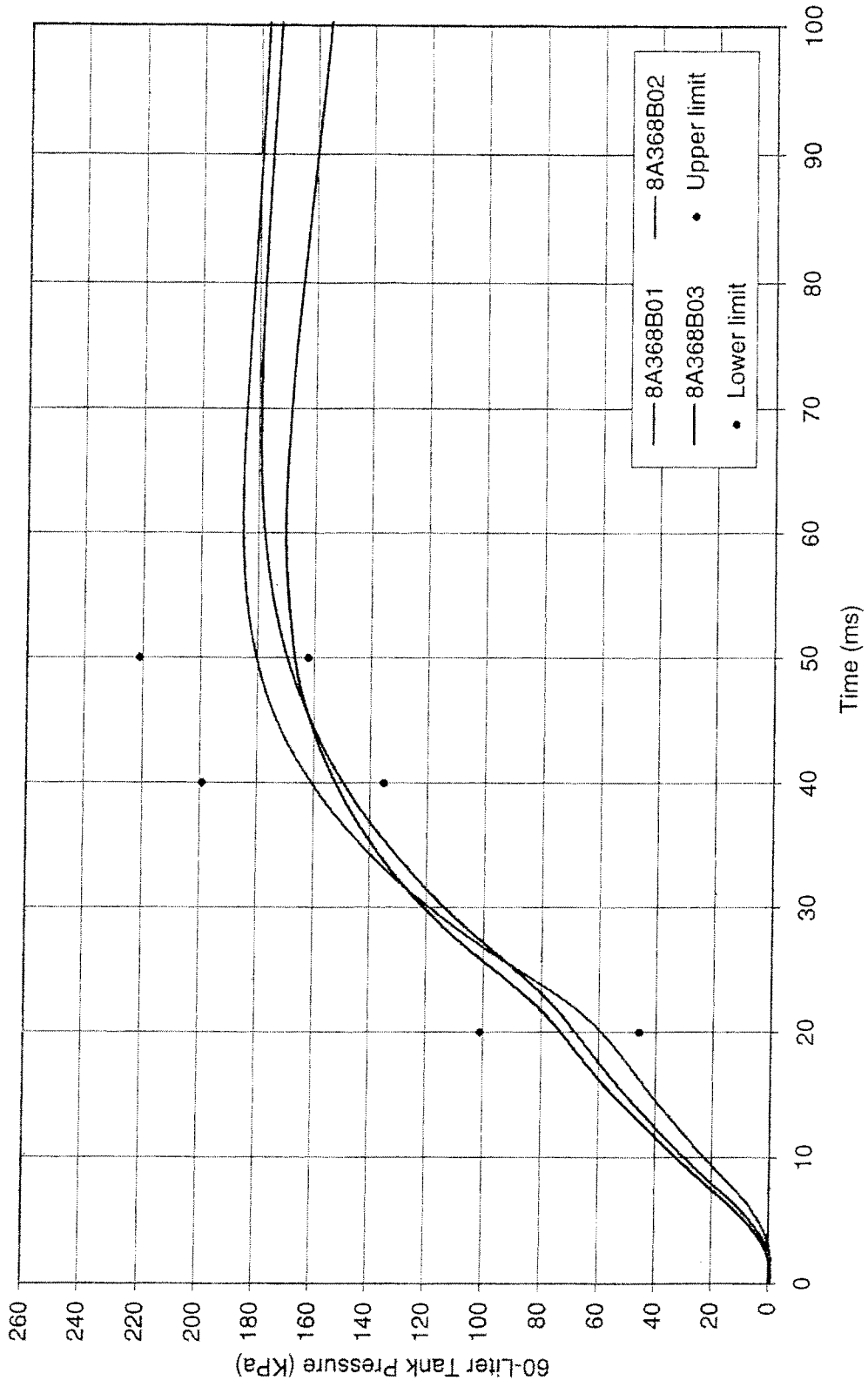


Incorrect data.
Data does not match EAR.
8A368B01-8A368B03 corrected
data on following page.



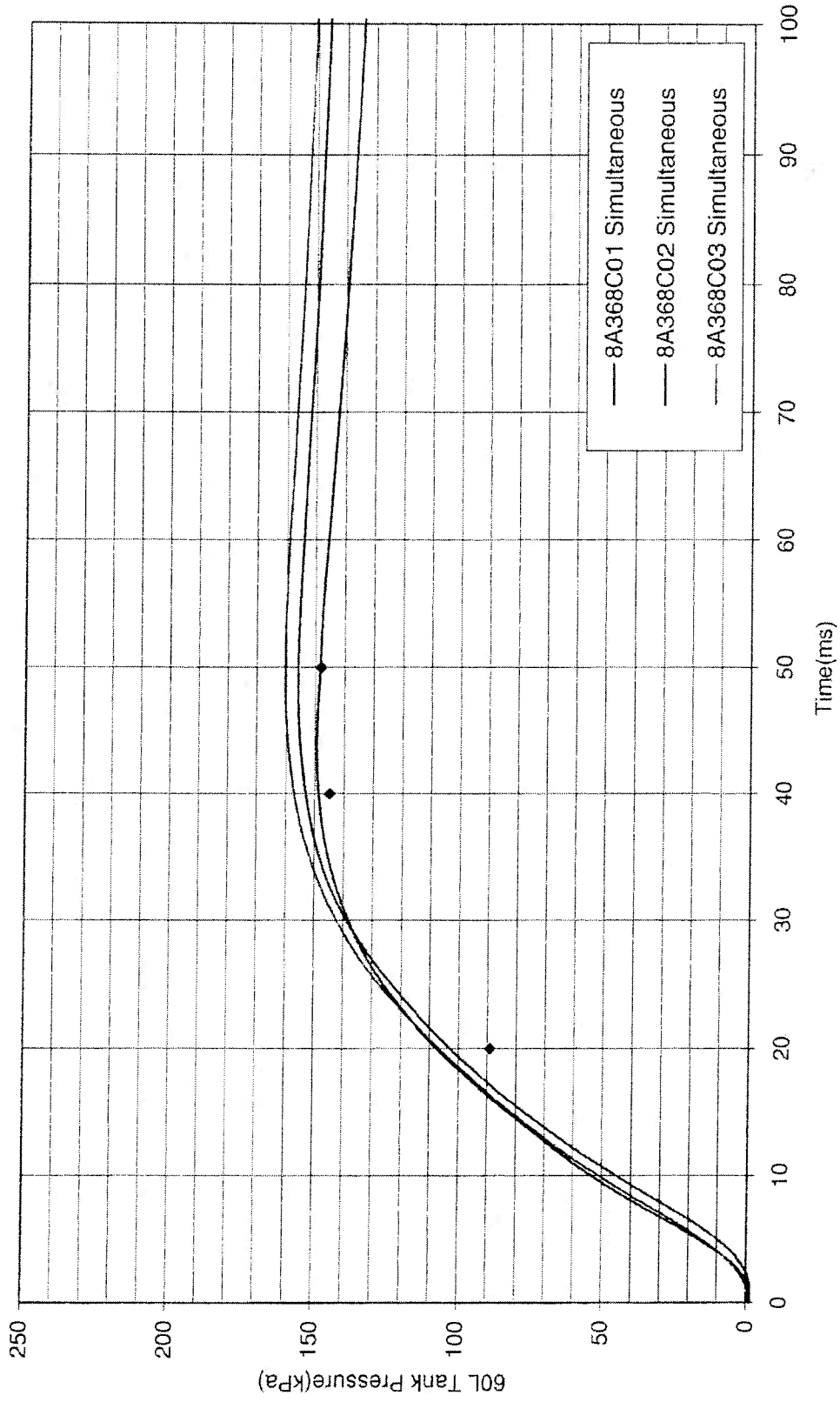
Corrected chart and data for
8A368 Group B.

Low Temperature Aging Test Group 5
EAR 8A368 Group B



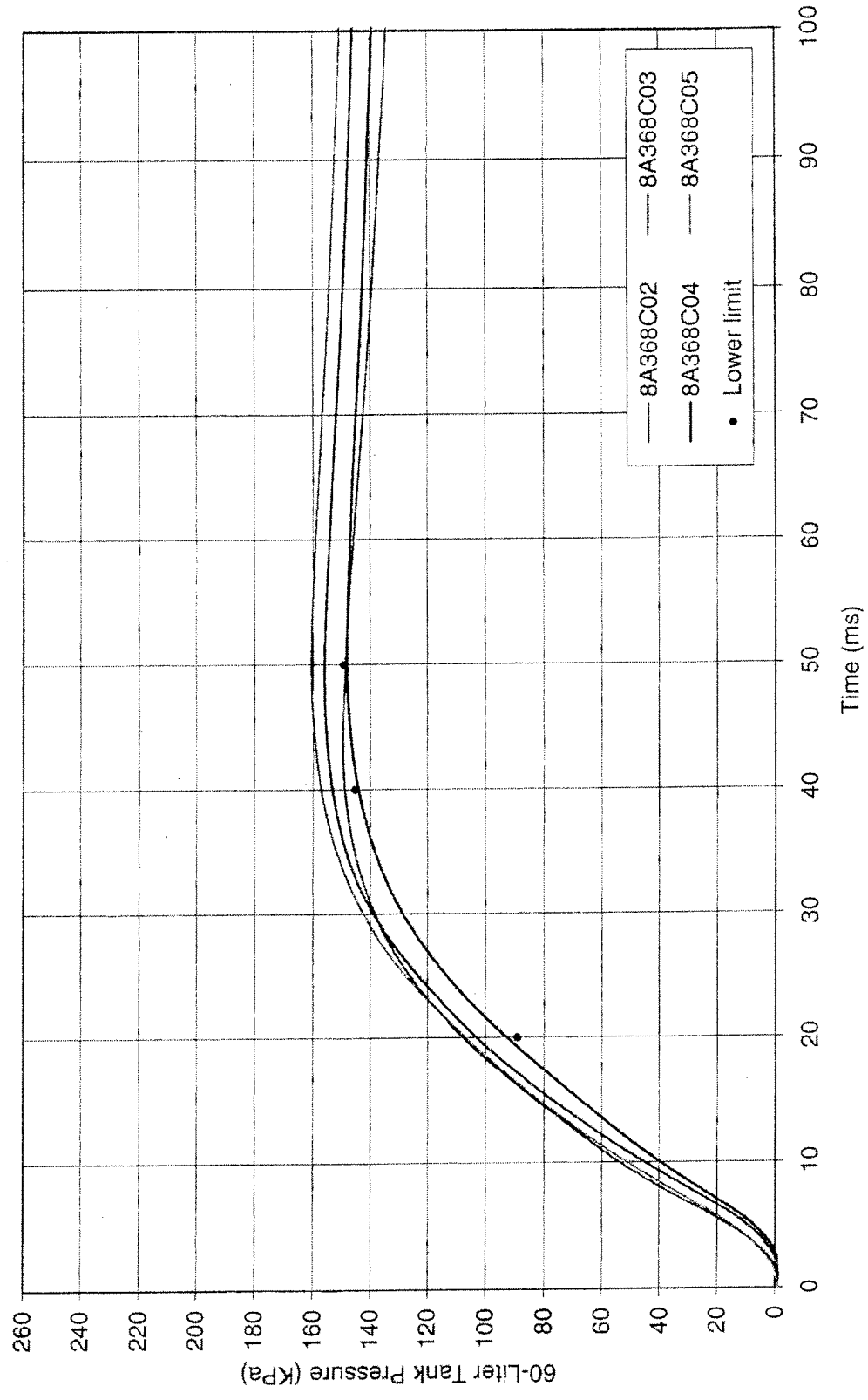
HONDA PSDI Group 5 (Low Temperature Aging Test)
@ -35 deg.C (Cold) Simultaneously

Incorrect data.
Data does not match EAR.
8A368C02-8A368C05 corrected
data on following page.



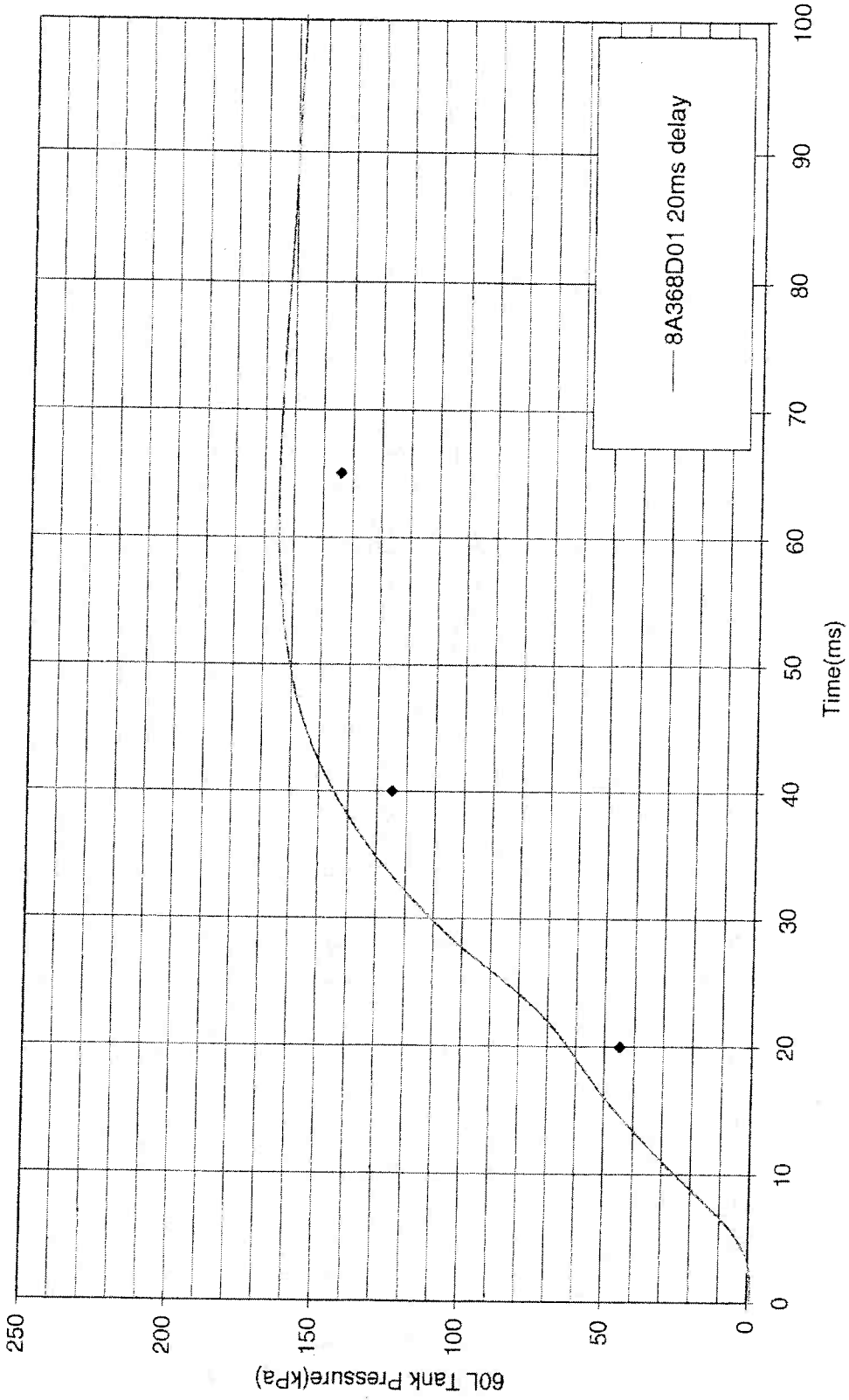
Corrected chart and data for
8A368 Group C.

Low Temperature Aging Test Group 5
EAR 8A368 Group C



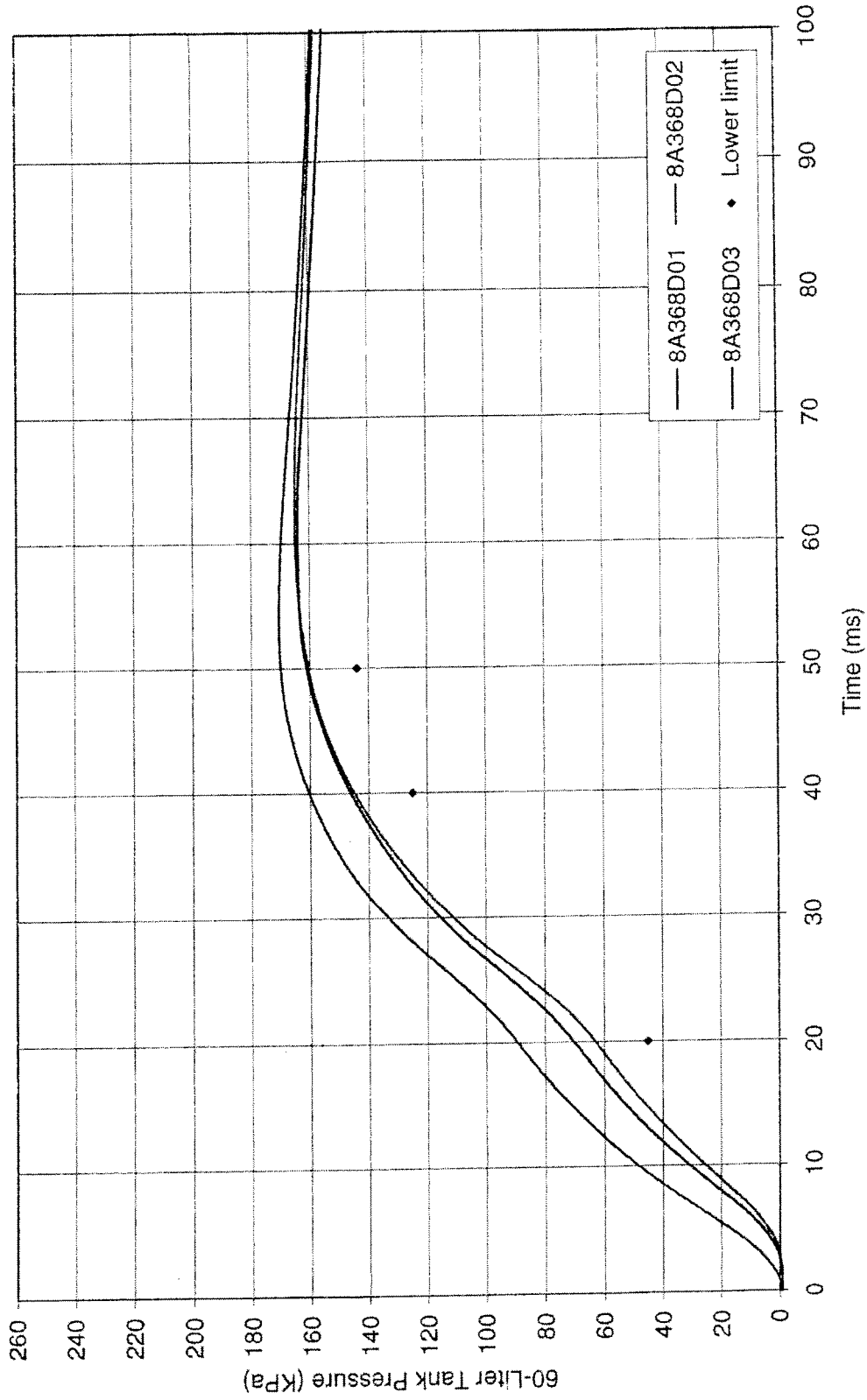
HONDA PSDI Group 5 (Low Temperature Aging Test)
@ -35 deg.C (Cold) 20ms delay

Incorrect data.
Data does not match EAR.
8A368D01-8A368D03 corrected
data on following page.



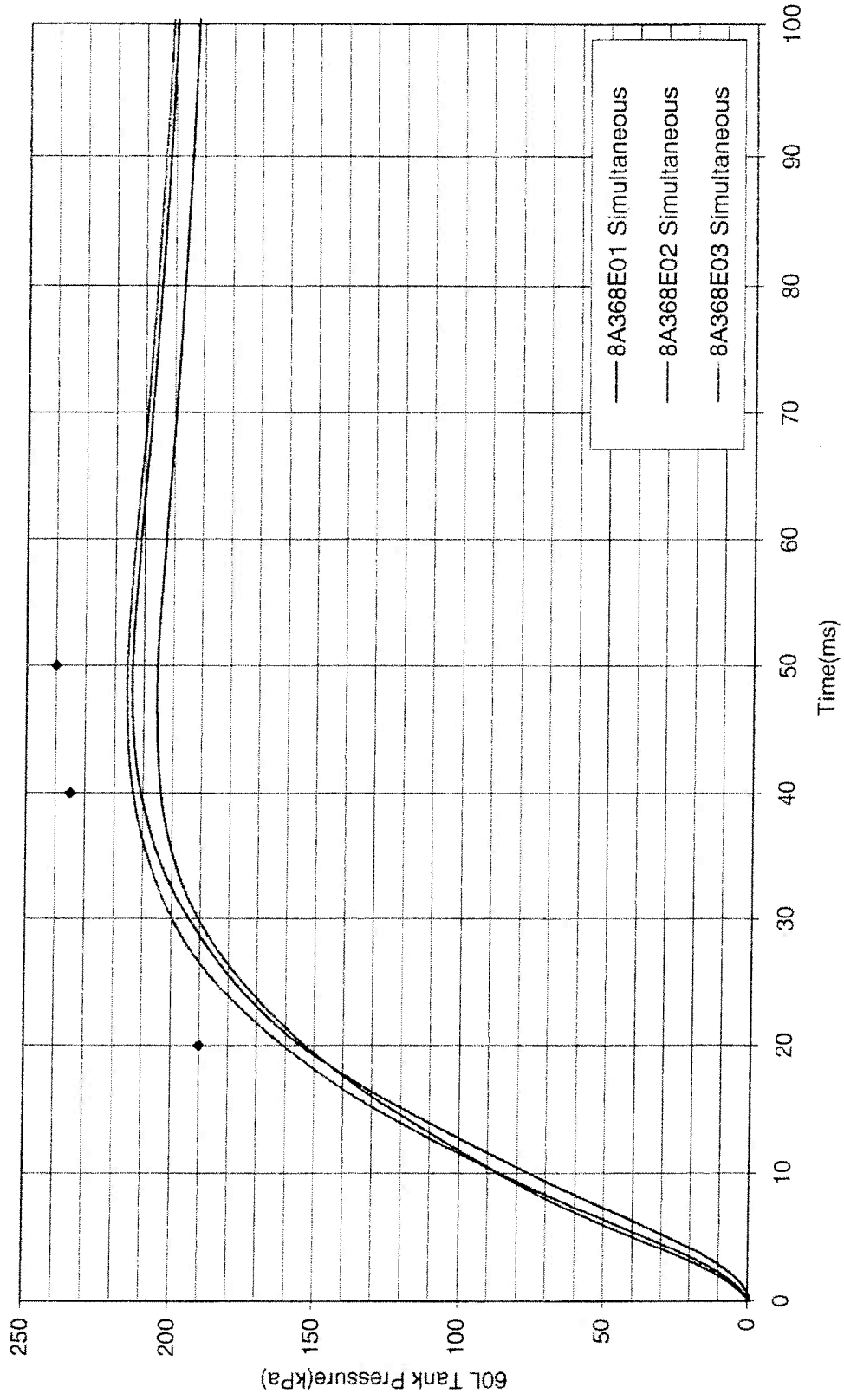
Corrected chart and data for
8A368 Group D.

Low Temperature Aging Test Group 5
EAR 8A368 Group D



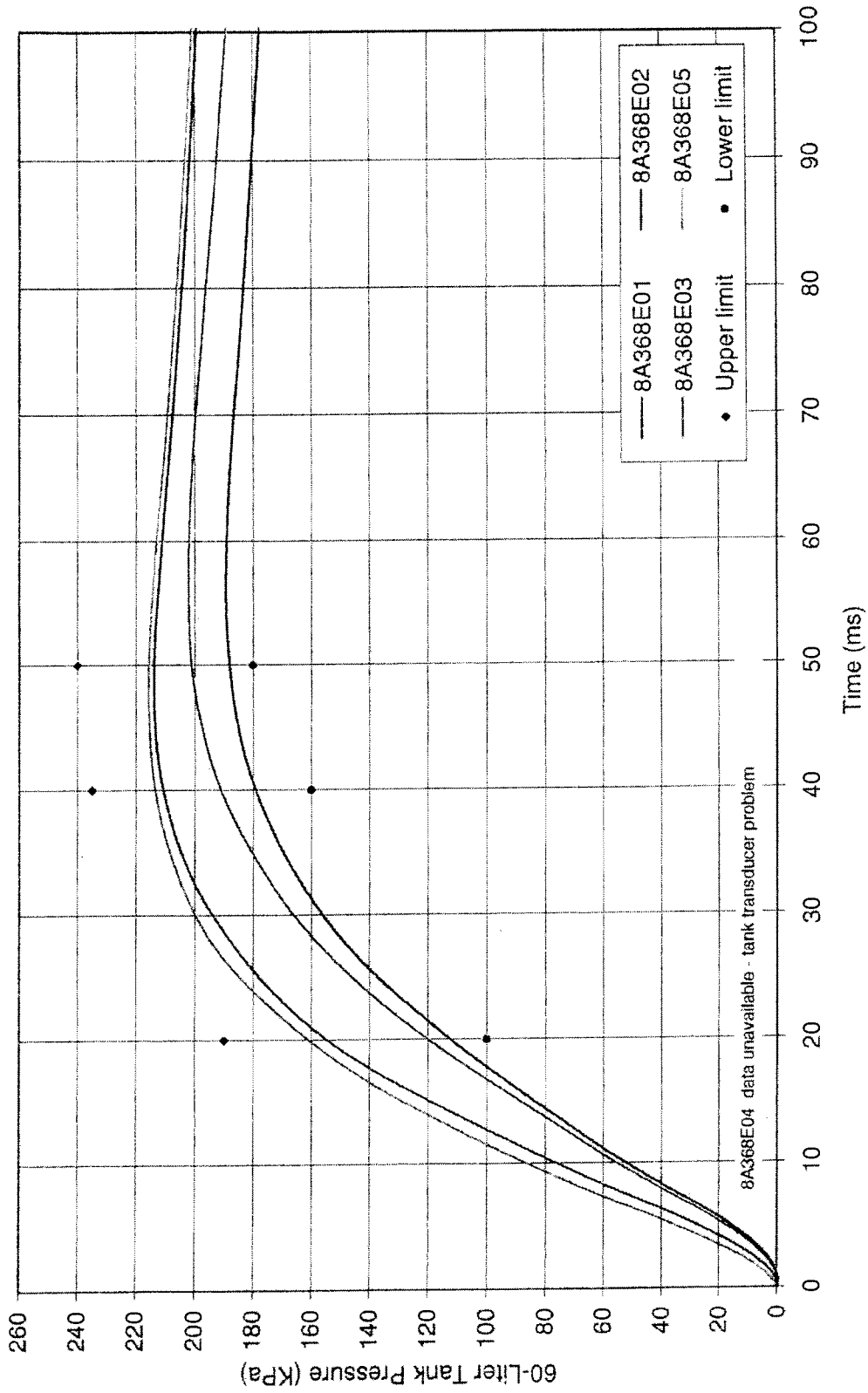
HONDA PSDI Group 5 (Low Temperature Aging Test)
@ +85 deg.C (Hot) Simultaneously

Incorrect data.
Data does not match EAR.
8A368E01-8A368E05 corrected
data on following page.



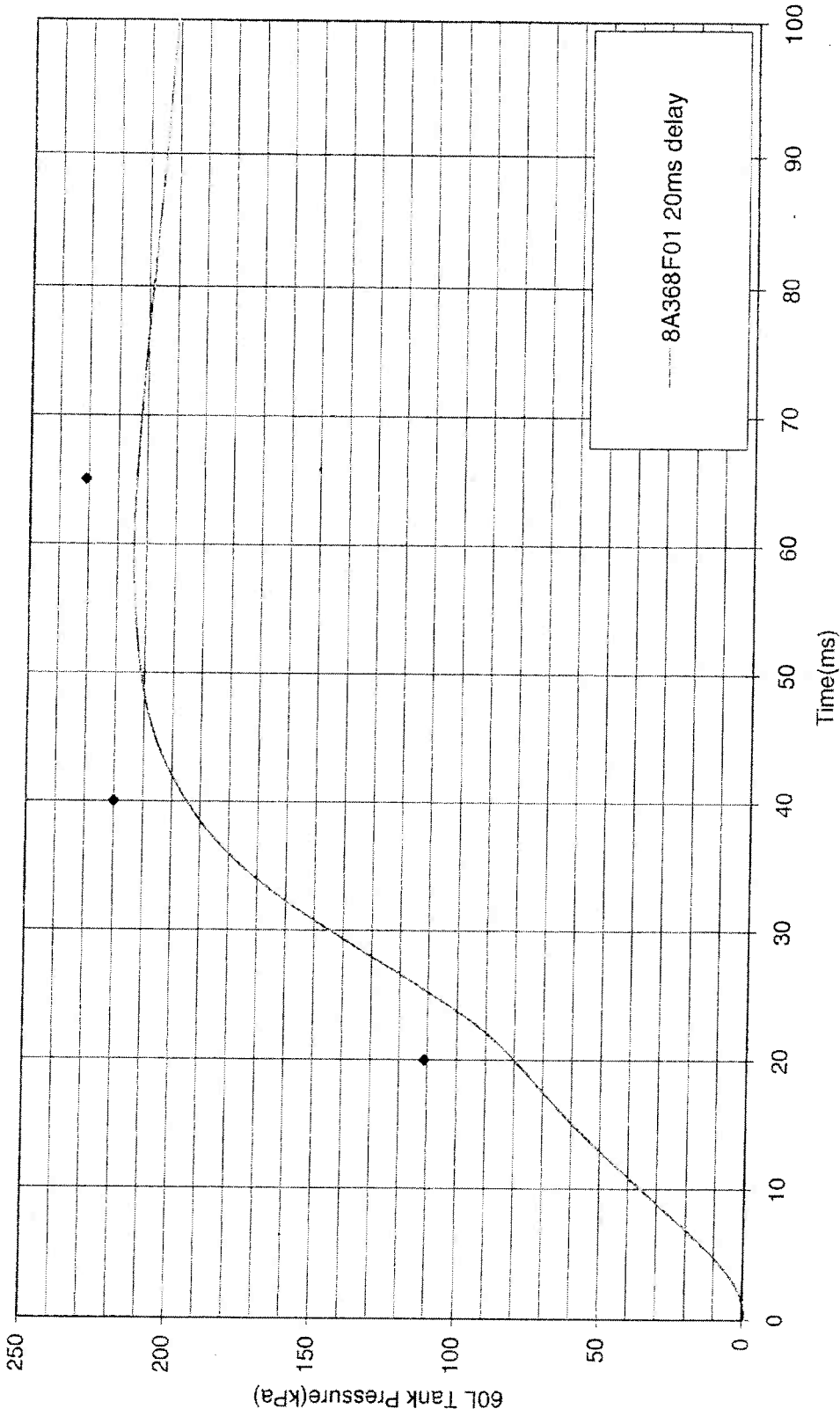
Corrected chart and data for
8A368 Group E.

Low Temperature Aging Test Group 5
EAR 8A368 Group E



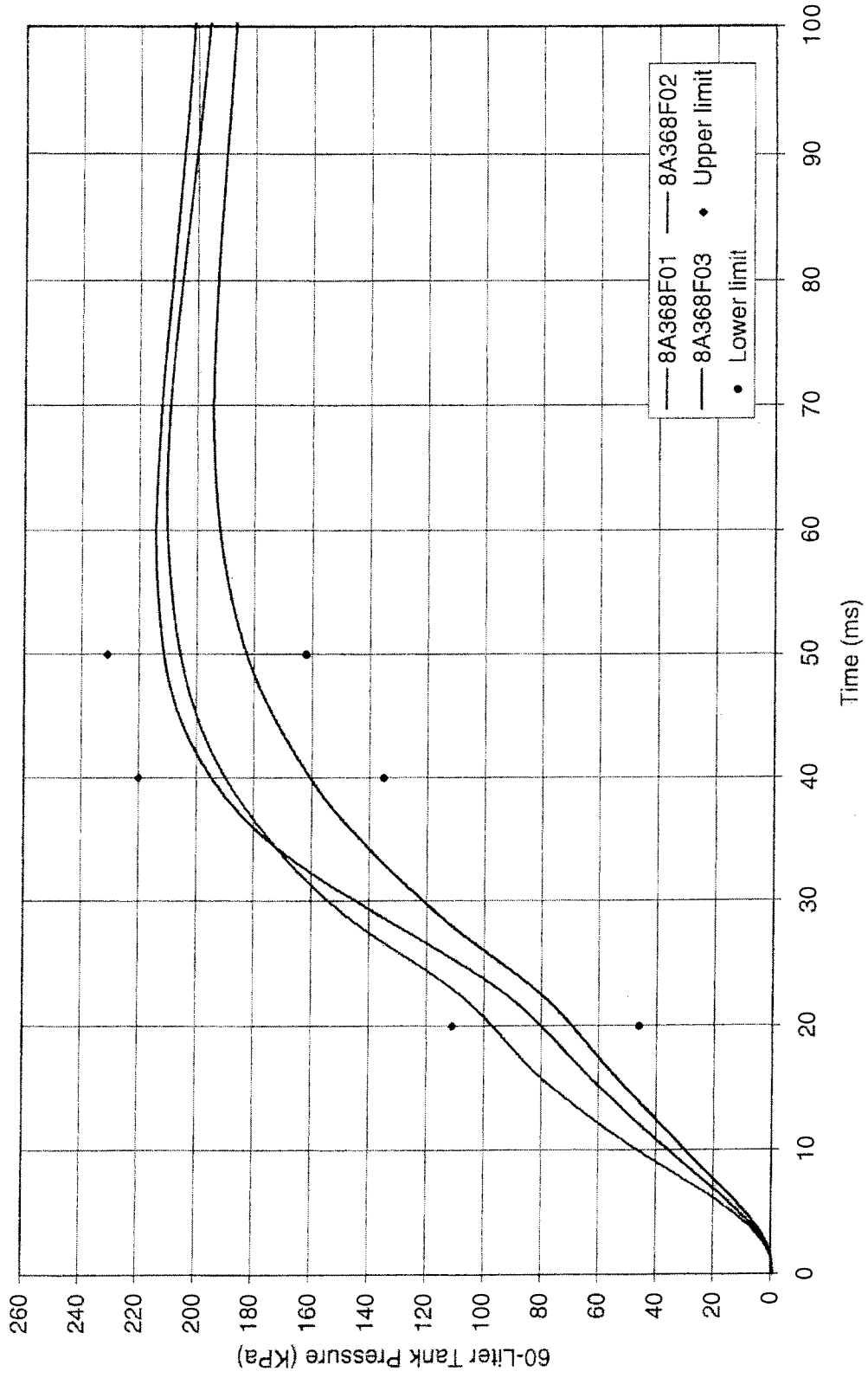
Incorrect data.
Data does not match EAR.
8A368F01-8A368F03 corrected
data on following page.

HONDA PSDI Group 5 (Low Temperature Aging Test)
@ +85 deg.C (Hot) 20ms delay



Corrected chart and data for
8A368 Group F.

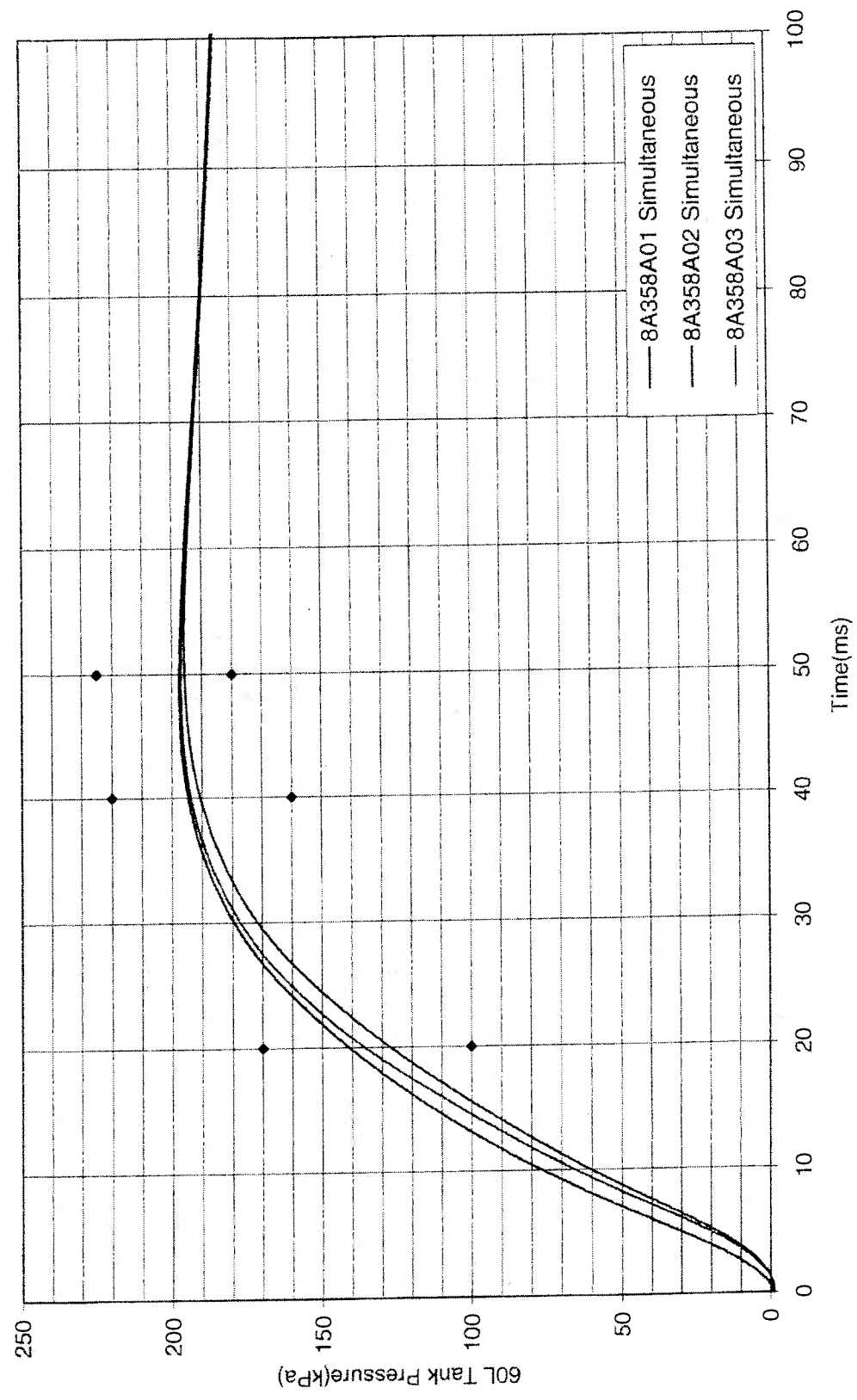
Low Temperature Aging Test Group 5
EAR 8A368 Group F



APPENDIX D
Vibration Test Group 6

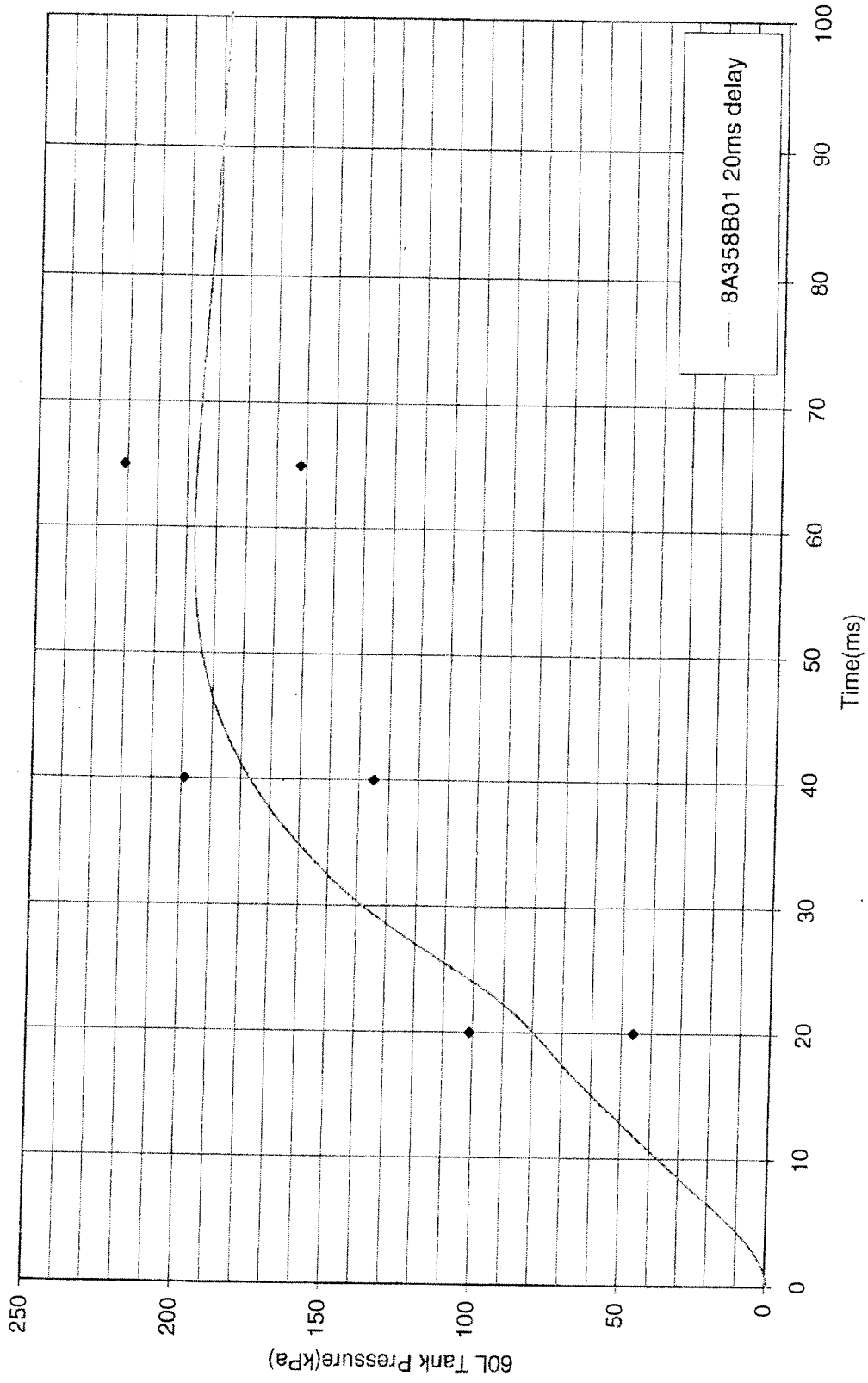
Original chart and data for
8A358 Group A is correct.

HONDA PSDI Group 6 (Vibration Test)
@ +22 deg.C (Amb) Simultaneously



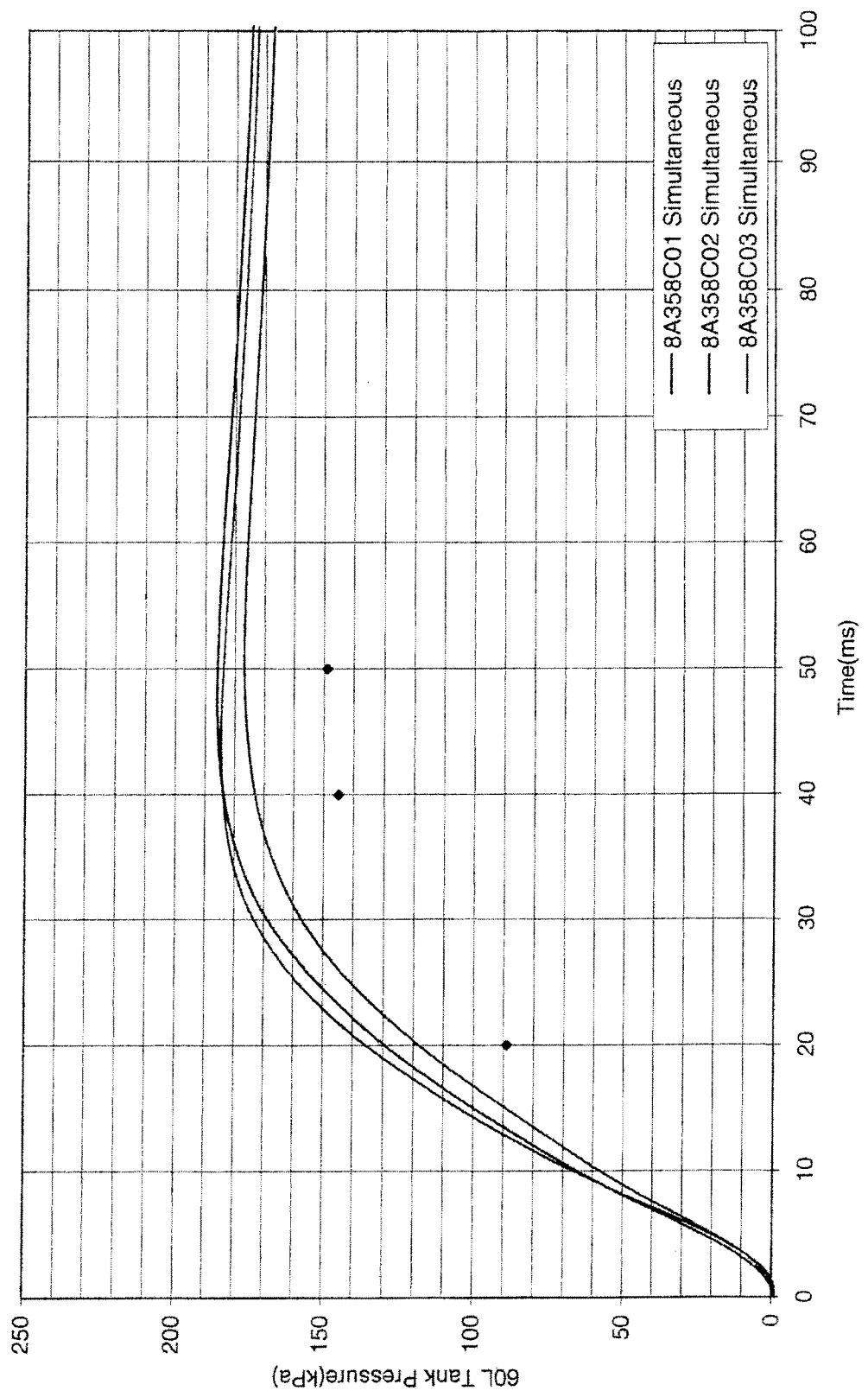
Original chart and data for
8A358 Group B is correct.

HONDA PSDI Group 6 (Vibration Test)
@ +22 deg.C (Amb) 20ms delay



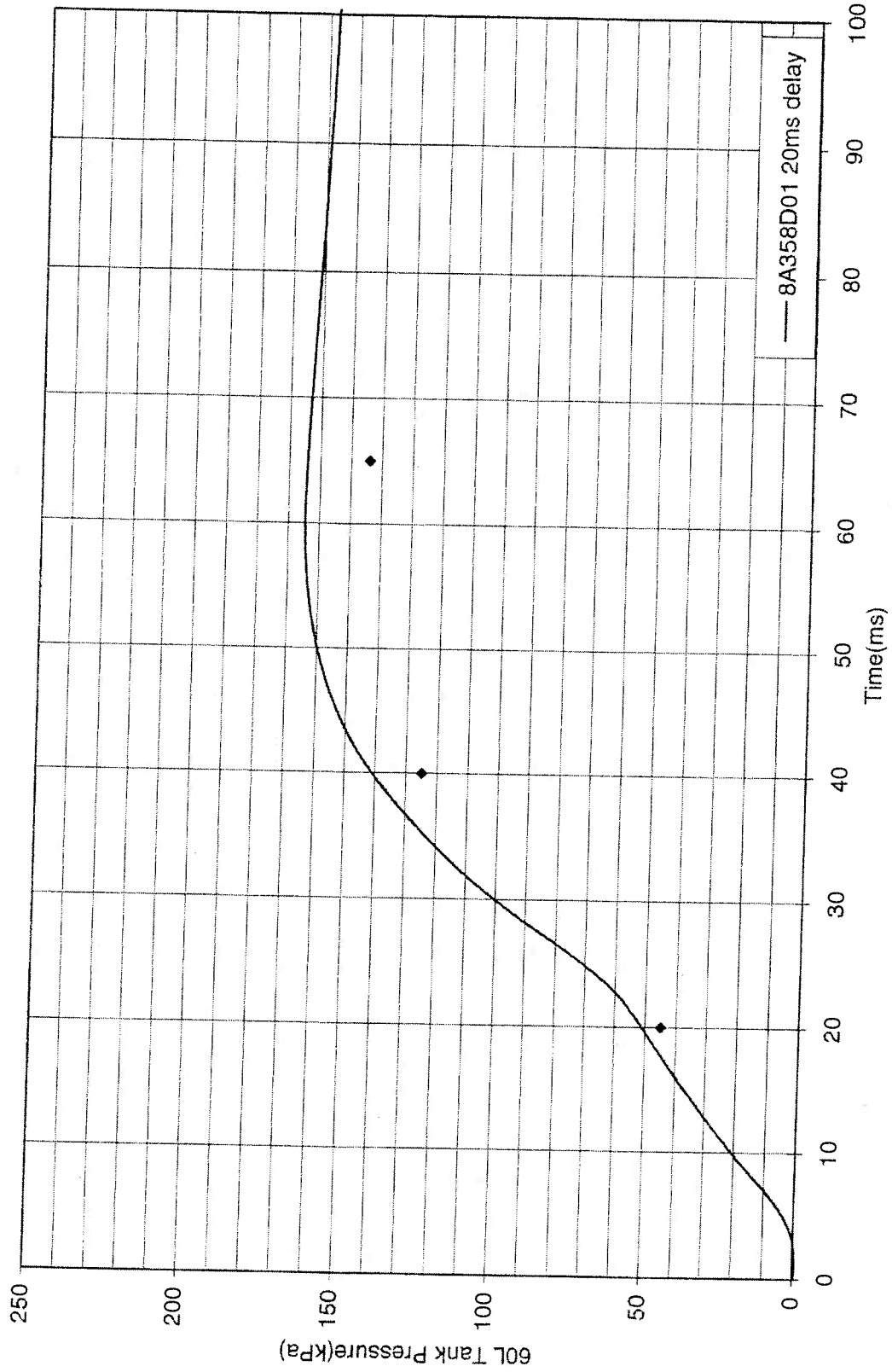
Original chart and data for
8A358 Group C is correct.

HONDA PSDI Group 6 (Vibration Test)
@ -35 deg.C (Cold) Simultaneously



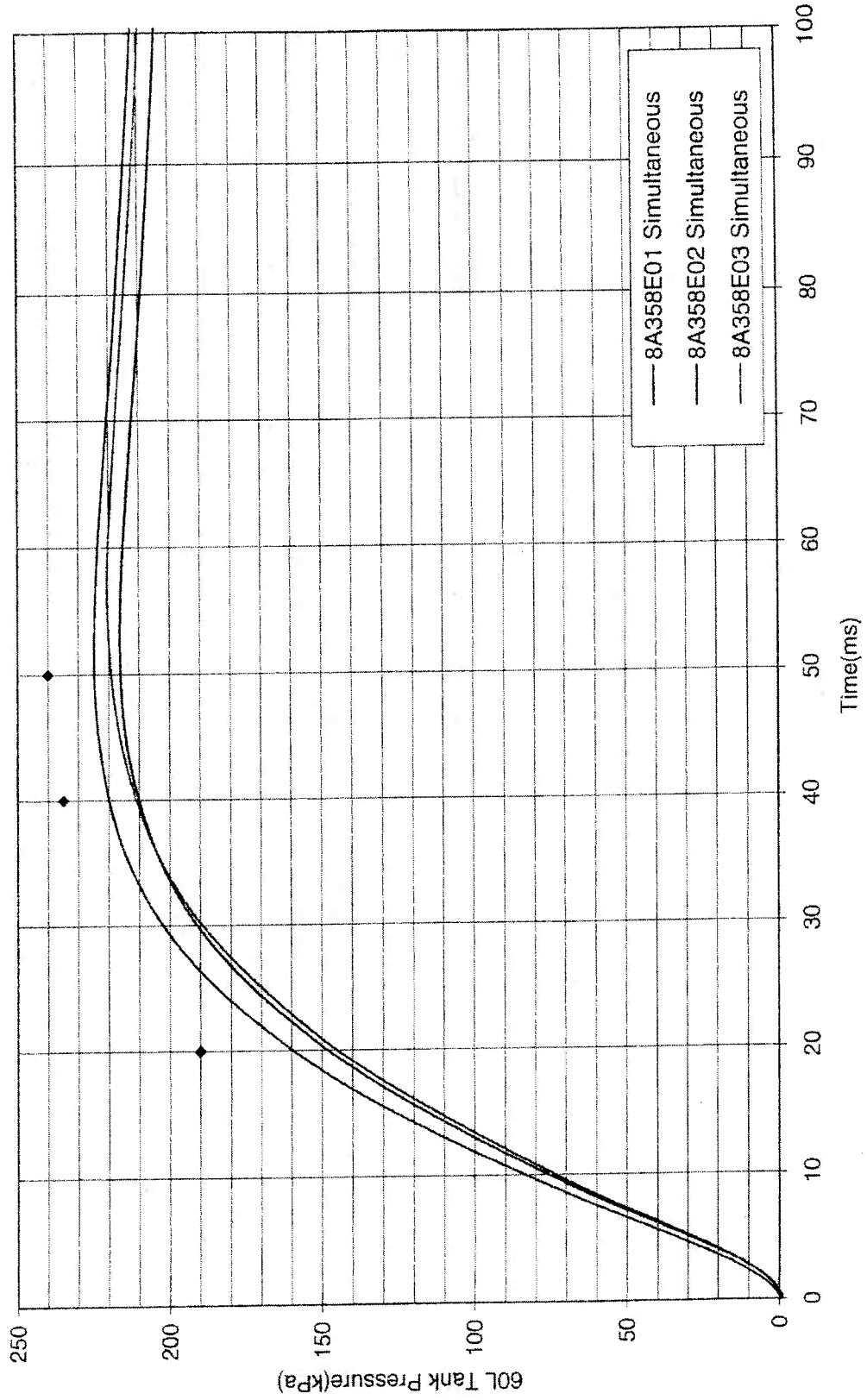
Original chart and data for
8A358 Group D is correct.

HONDA PSDI Group 6 (Vibration Test)
@-35 deg.C (Cold) 20ms delay



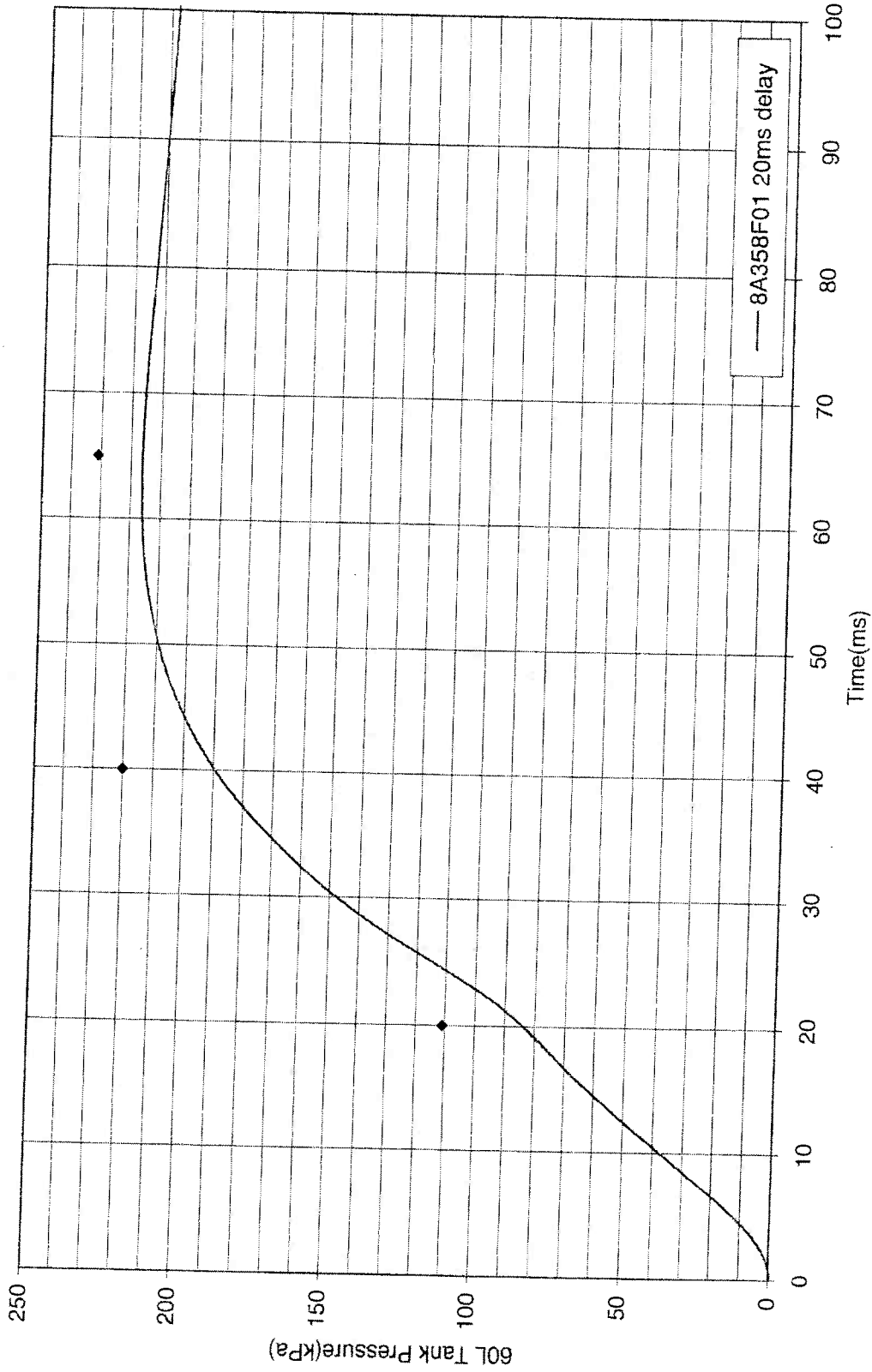
Original chart and data for
8A358 Group E is correct.

HONDA PSDI Group 6 (Vibration Test)
@ +85 deg.C (Hot) Simultaneously



Original chart and data for
8A358 Group F is correct.

HONDA PSDI Group 6 (Vibration Test)
@ +85 deg.C (Hot) 20ms delay

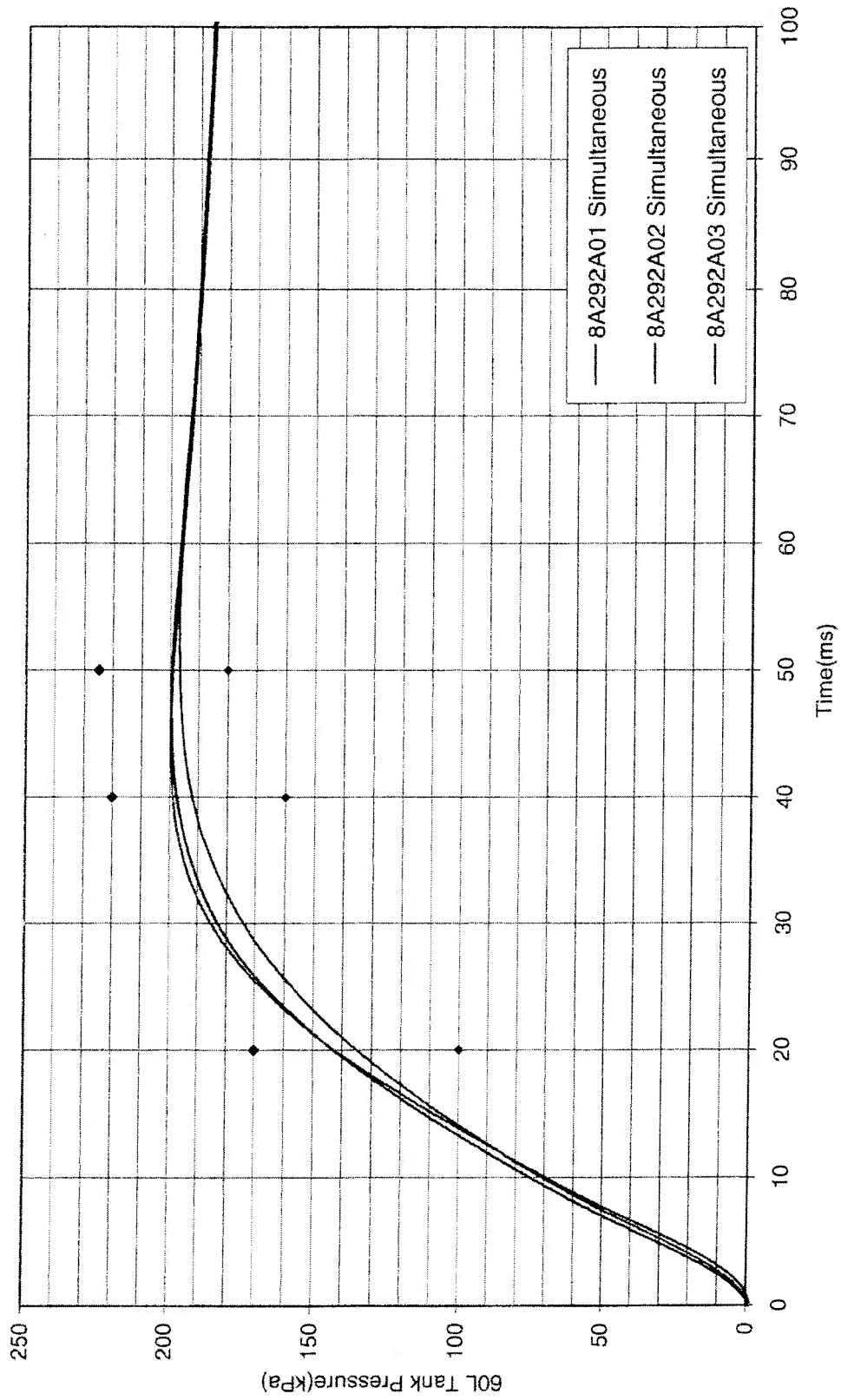


APPENDIX E

Vibration/Thermal Cycle Test Group 7

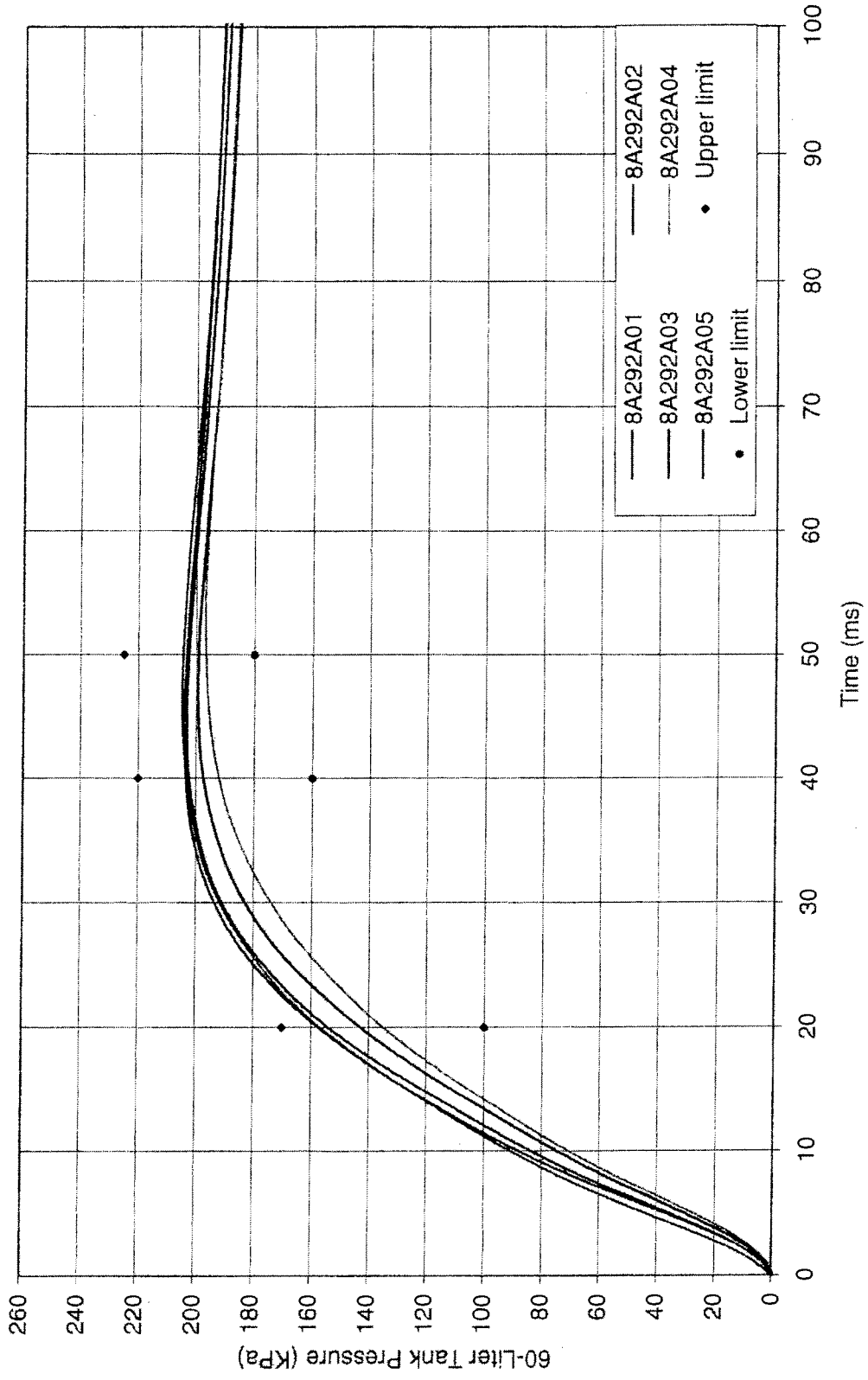
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@ +22 deg.C (Amb) Simultaneously

Incorrect data.
Data does not match EAR.
8A292A01-8A292A05 corrected
data on following page.



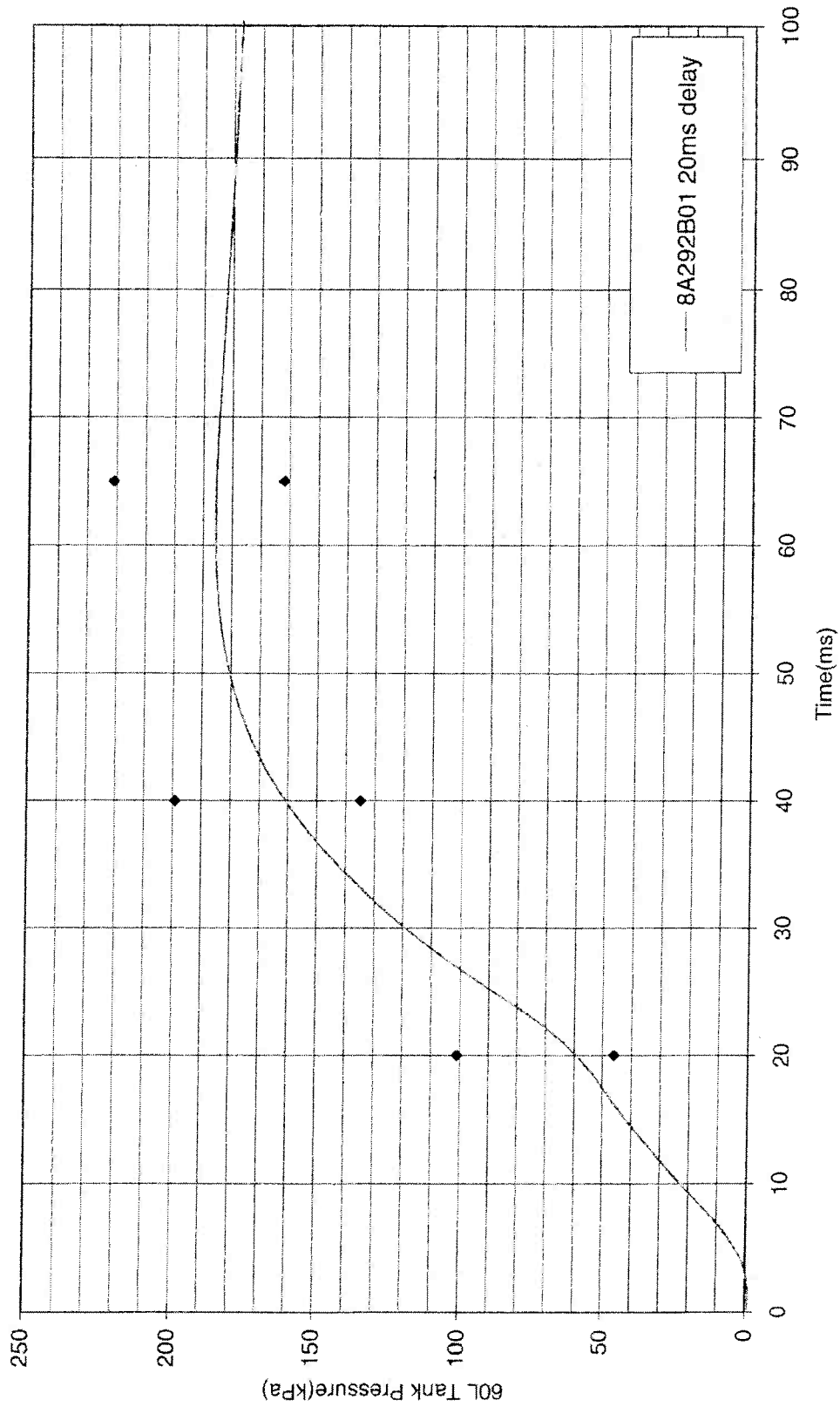
Corrected chart and data for
8A292 Group A.

Vibration/Thermal Cycle Test Group 7
EAR 8A292 Group A



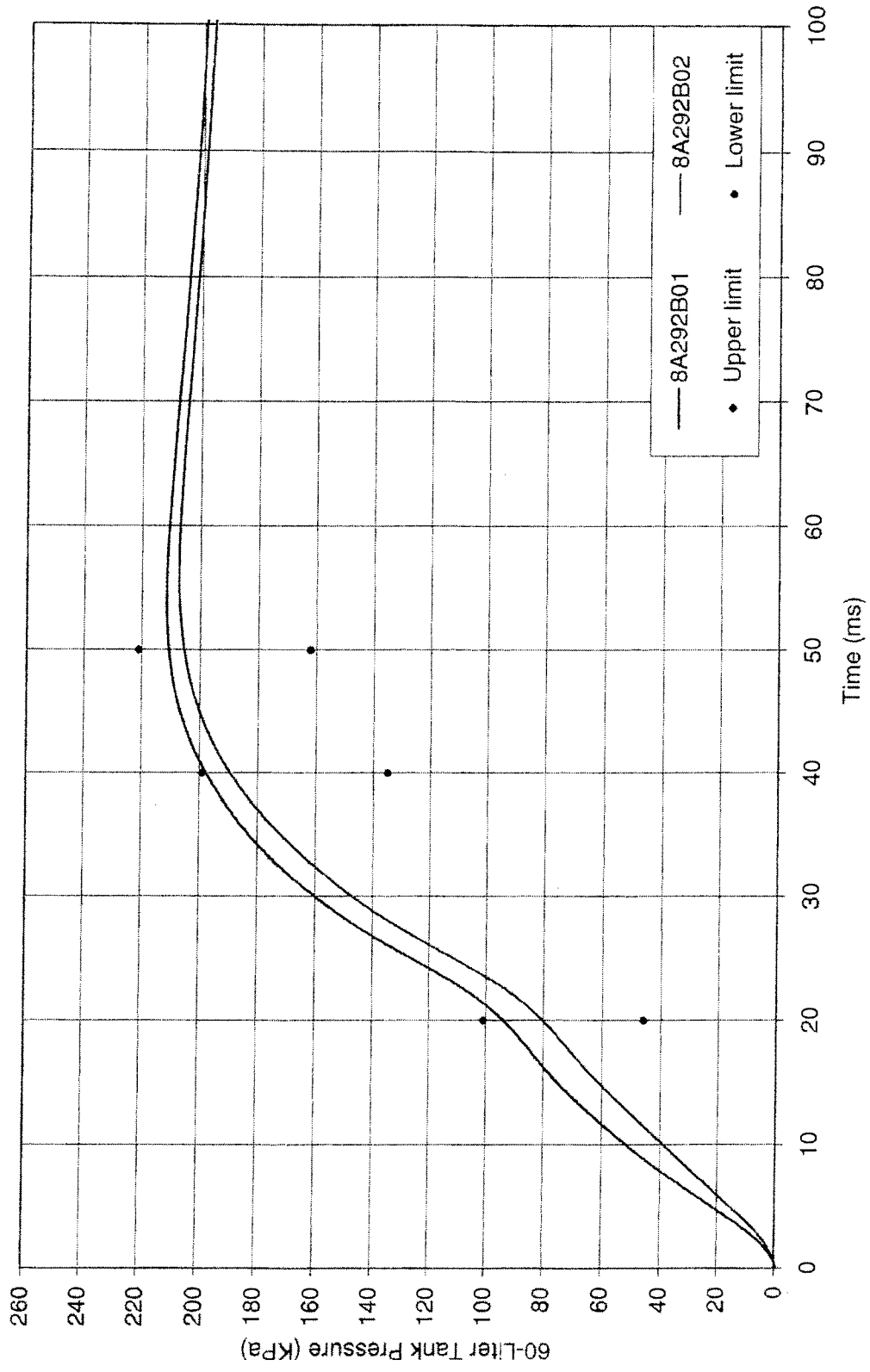
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@ +22 deg.C (Amb) 20ms delay

Incorrect data.
Data does not match EAR.
8A292B01 and 8A292B02
corrected data on following page.



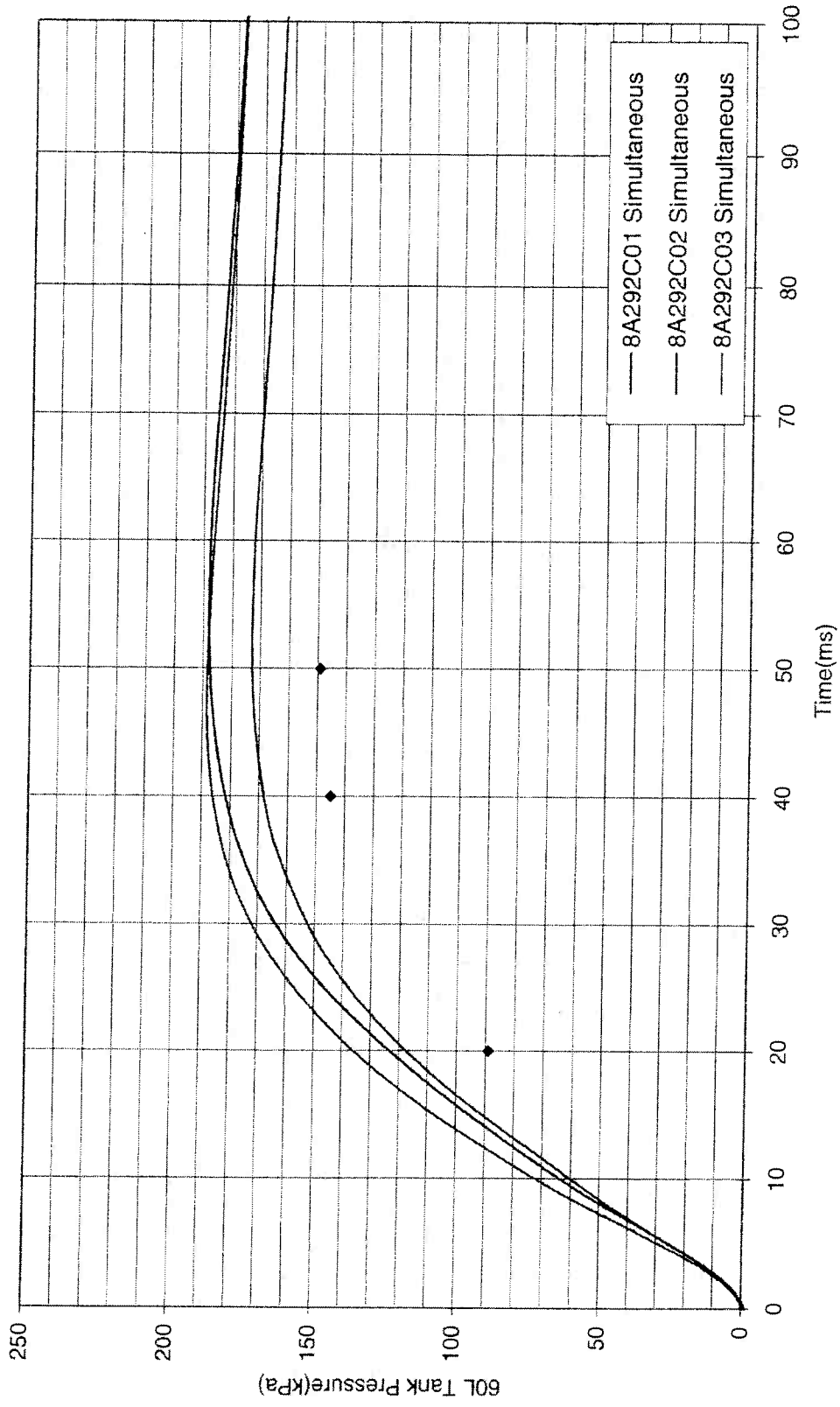
Corrected chart and data for
8A292 Group B.

Vibration/Thermal Cycle Test Group 7
EAR 8A292 Group B



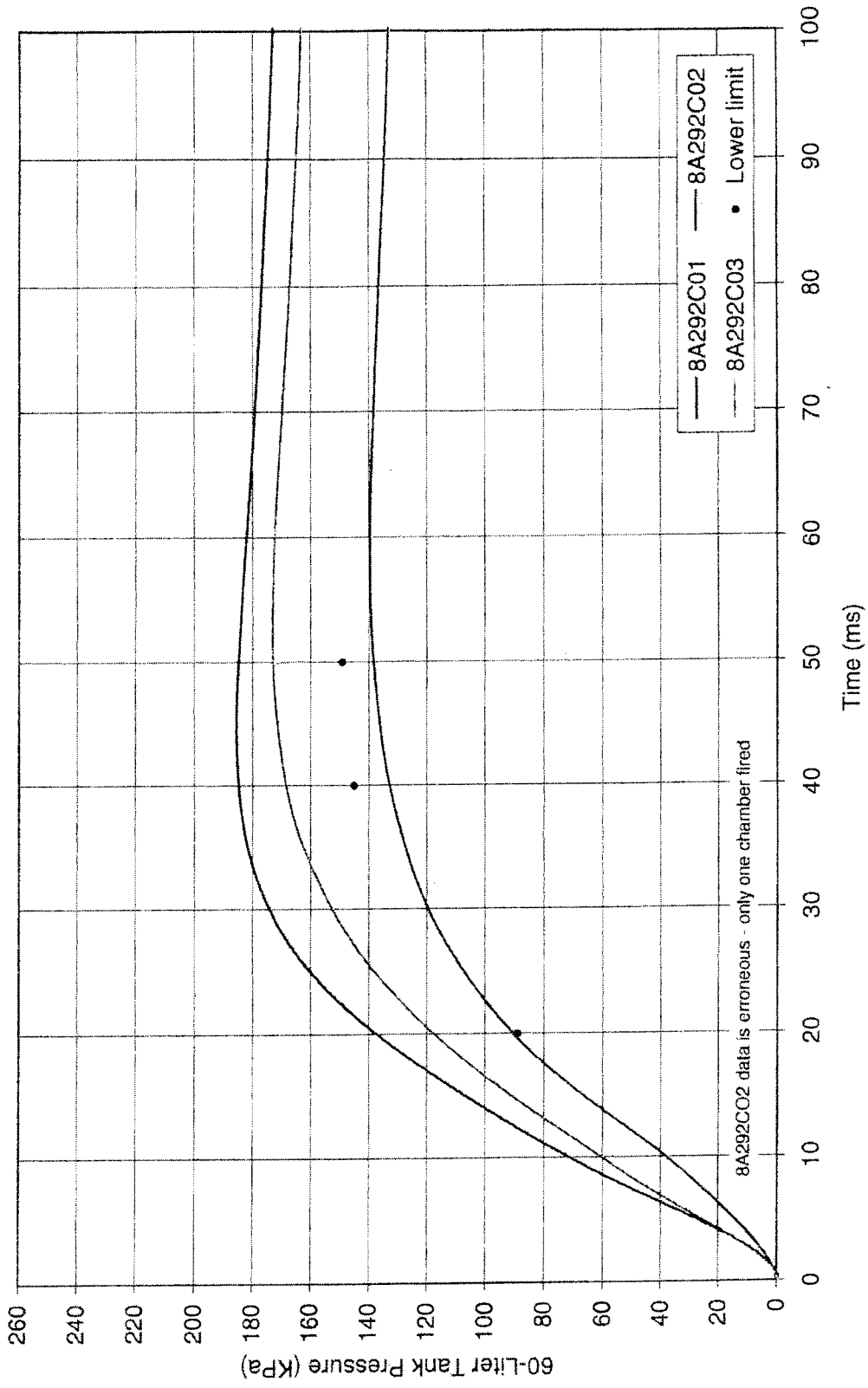
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@ -35 deg.C (Cold) Simultaneously

Incorrect data.
Data does not match EAR.
8A292C01-8A292C03 corrected
data on following page.



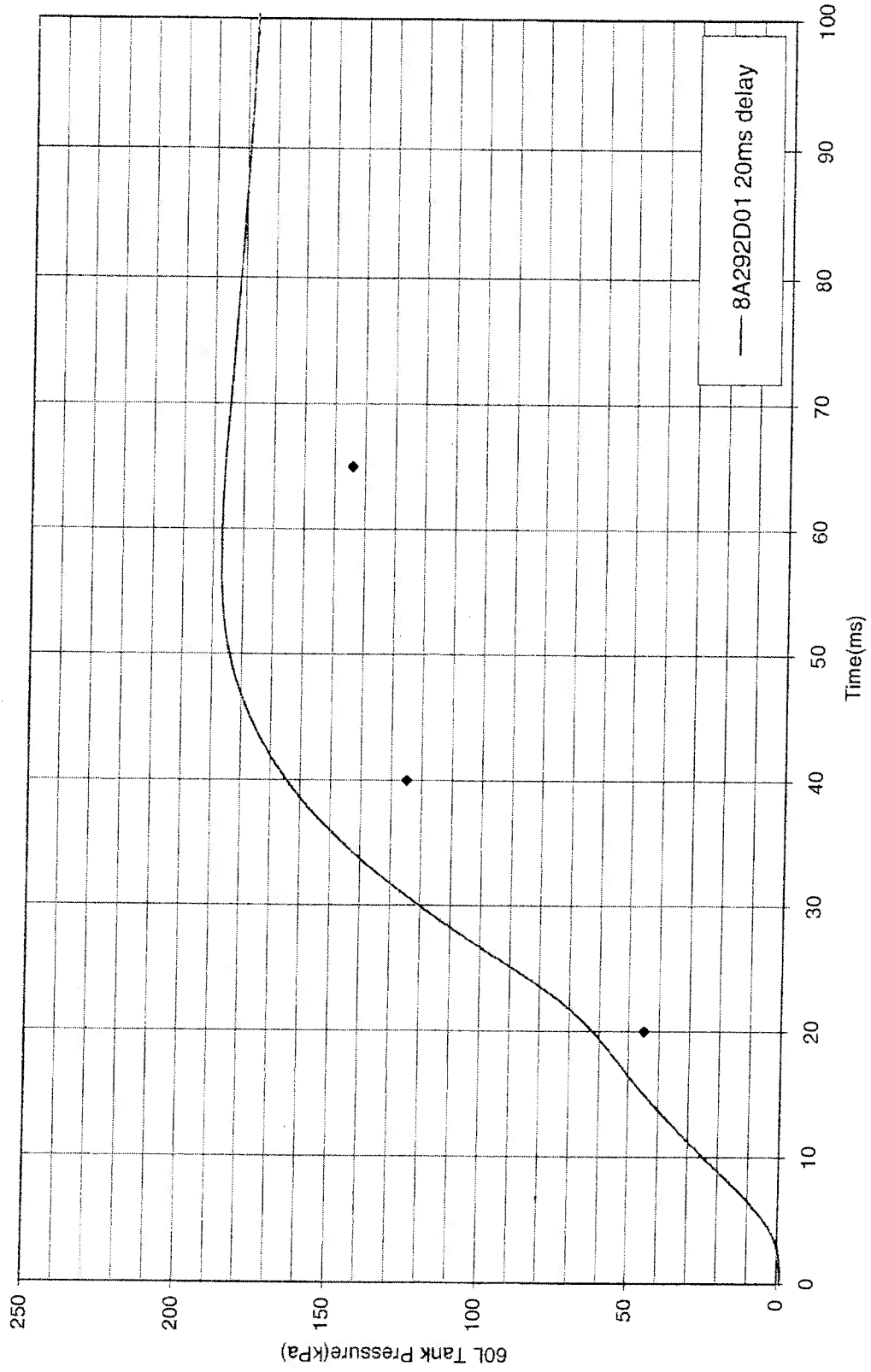
Corrected chart and data for
8A292 Group C.

Vibration/Thermal Cycle Test Group 7
EAR 8A292 Group C



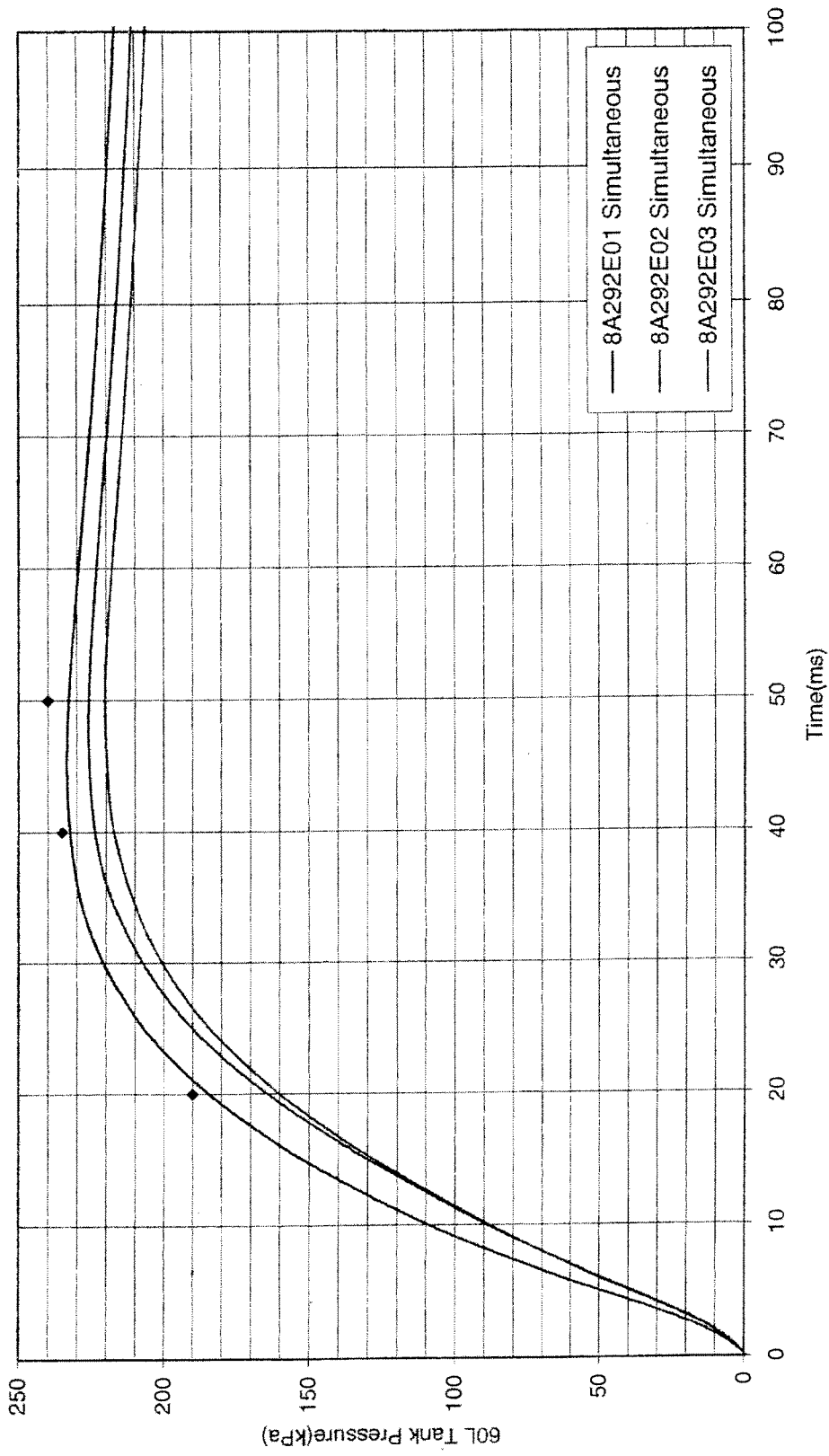
Original chart and data for
8A292 Group D is correct.

HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@ -35 deg.C (Cold) 20ms delay



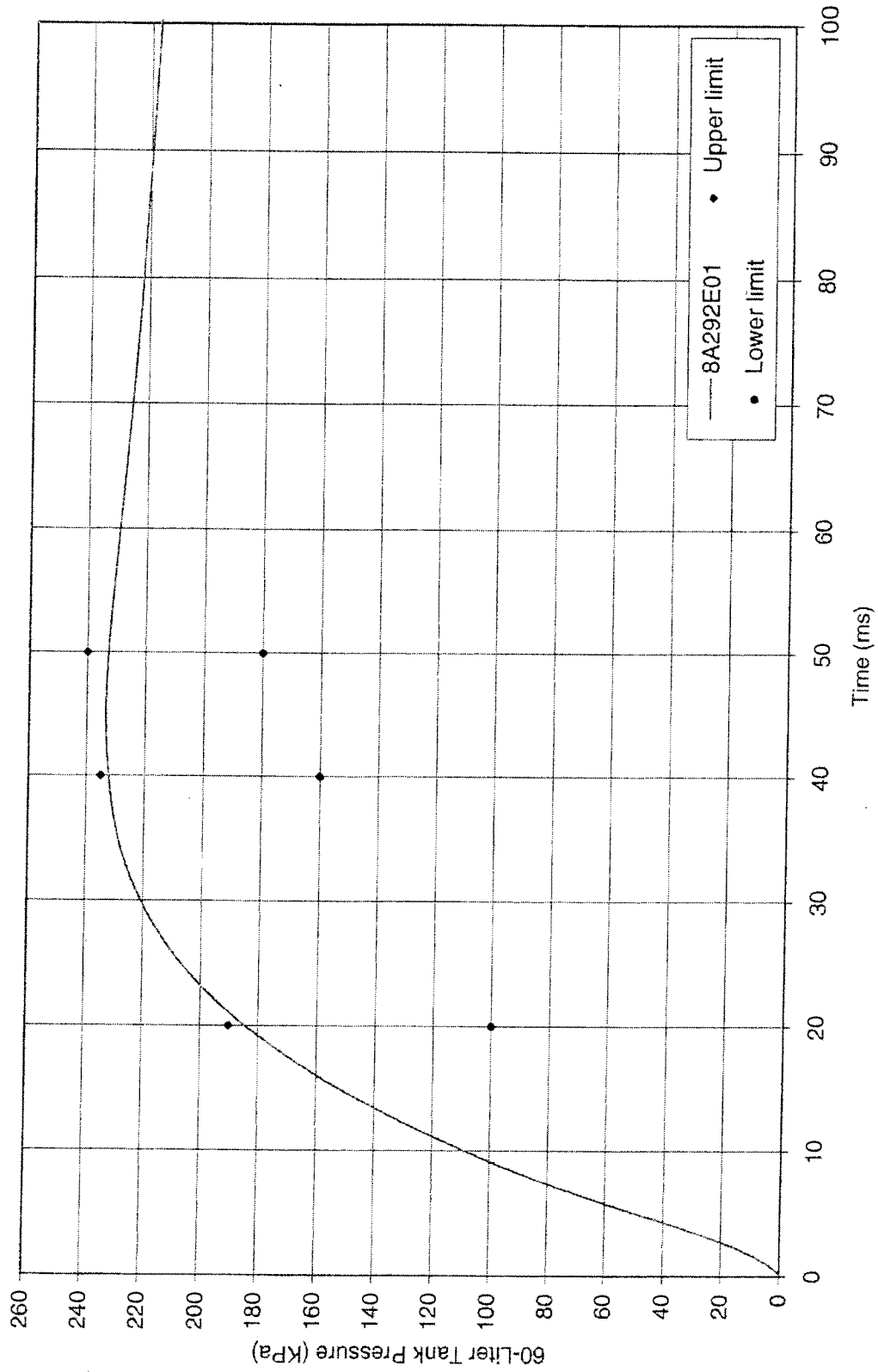
HONDA PSDI Group 7 (Vibration & Thermal Cycle)
 @ +85 deg.C (Hot) Simultaneously

Incorrect data.
 Data does not match EAR.
 8A292E02 and 8A292E03 do not
 exist. 8A292E01 corrected data
 on following page.



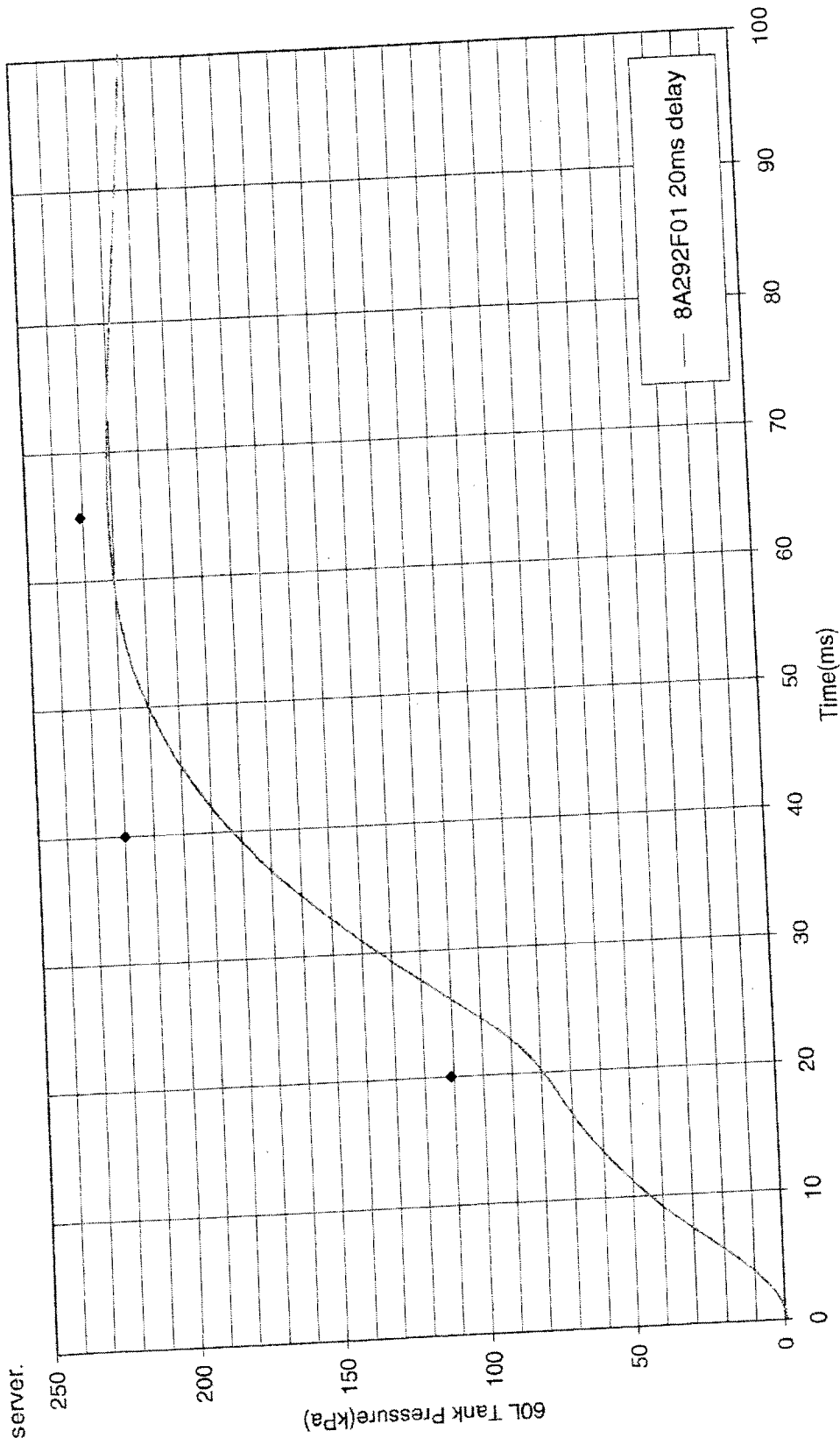
Corrected chart and data for
8A292 Group E.

Vibration/Thermal Cycle Test Group 7
EAR 8A292 Group E



HONDA PSDI Group 7 (Vibration & Thermal Cycle)
@+85 deg.C (Hot) 20ms delay

Incorrect data.
Data does not match EAR.
8A292F01 cannot be found on
server.

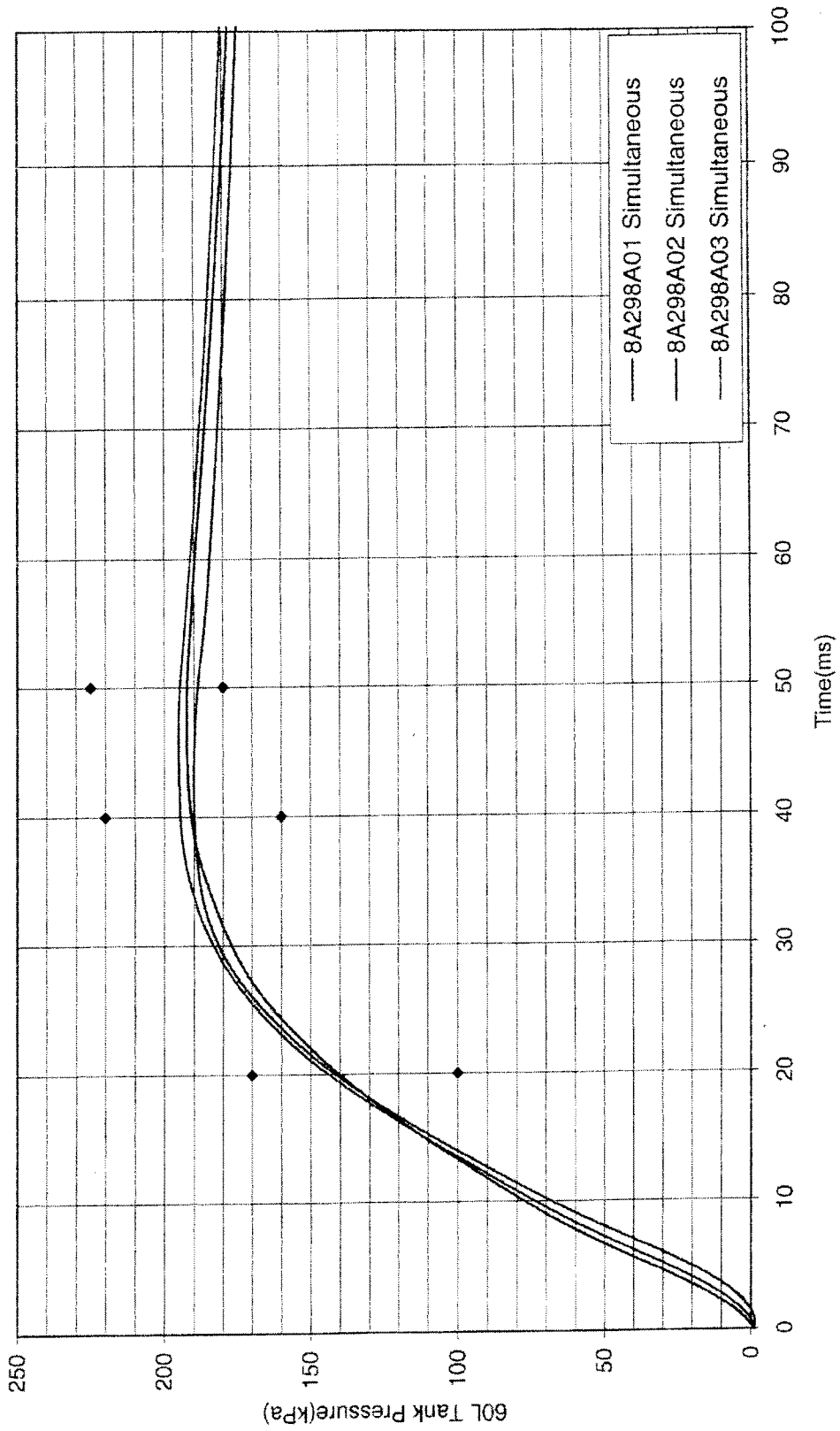


APPENDIX F

Vibration/Moisture/Thermal Cycle Test Group 8

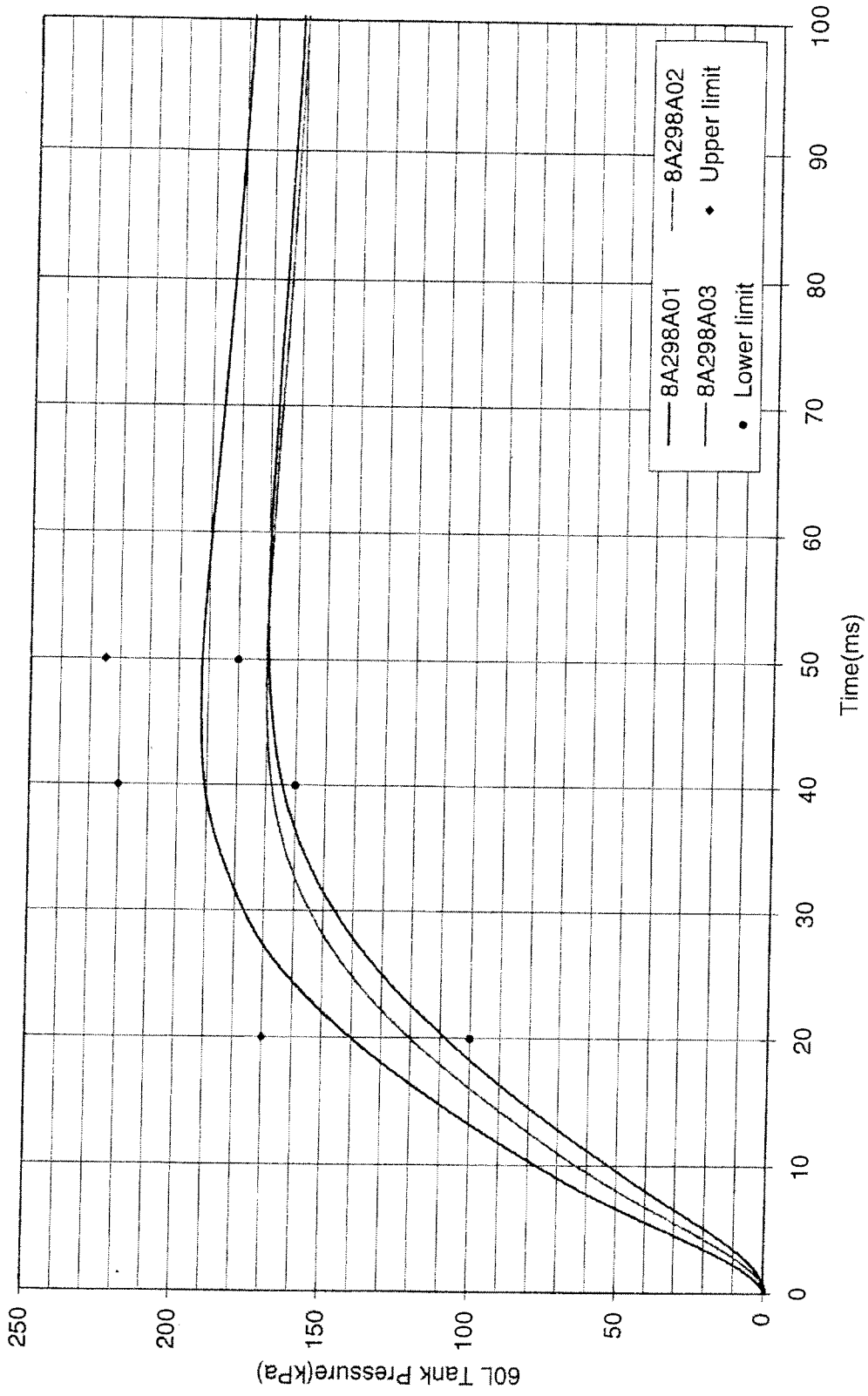
HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@ +22 deg.C (Amb) Simultaneously

Incorrect data.
Data does not match EAR.
8A298A01-8A298A03 corrected
data on following page.



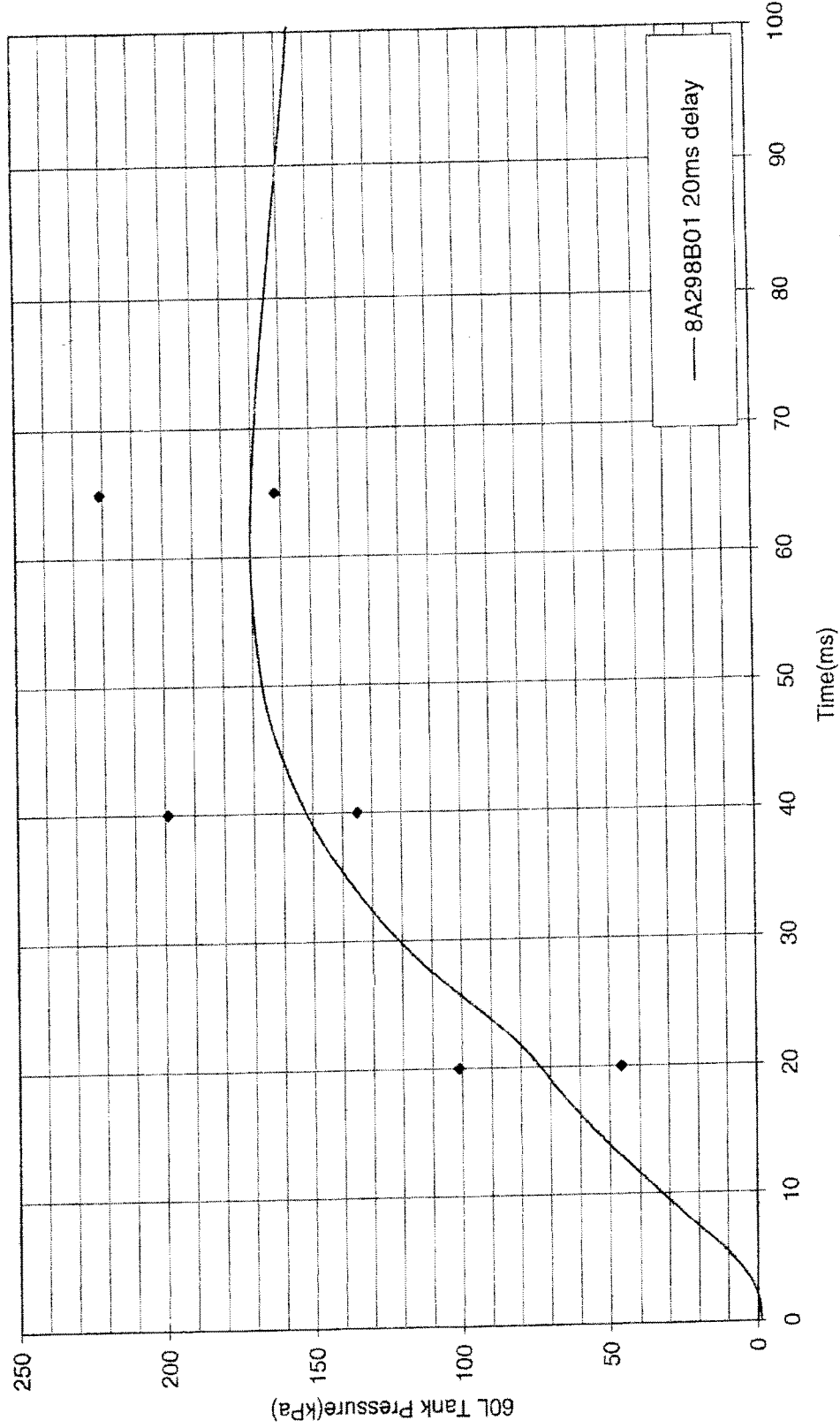
Vibration/Moisture/Thermal Cycle Group 8
EAR 8A298 Group A

Corrected chart and data for
8A298 Group A.



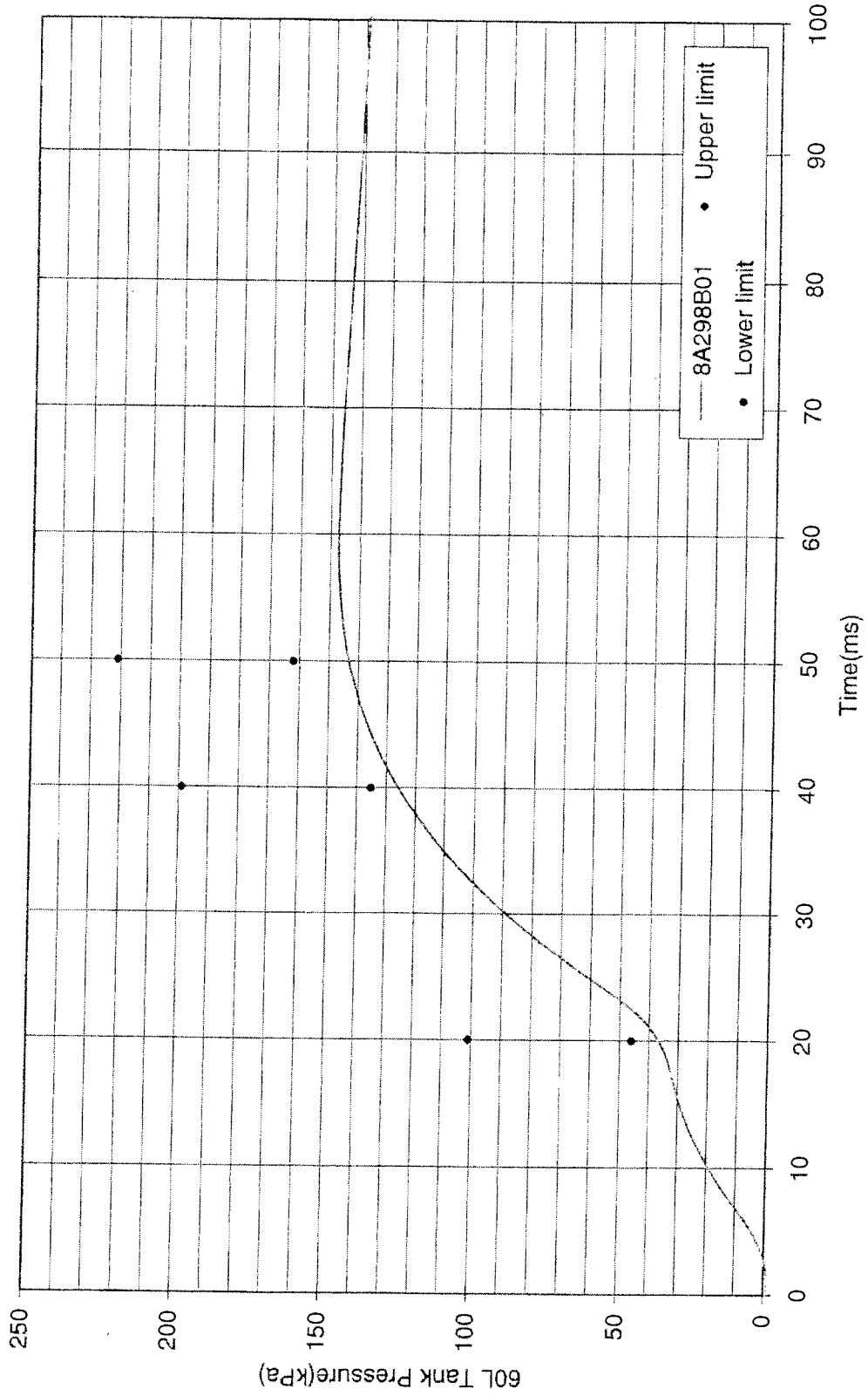
HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@ +22 deg.C (Amb) 20ms delay

Incorrect data.
Data does not match EAR.
8A298B01 corrected data on
following page.



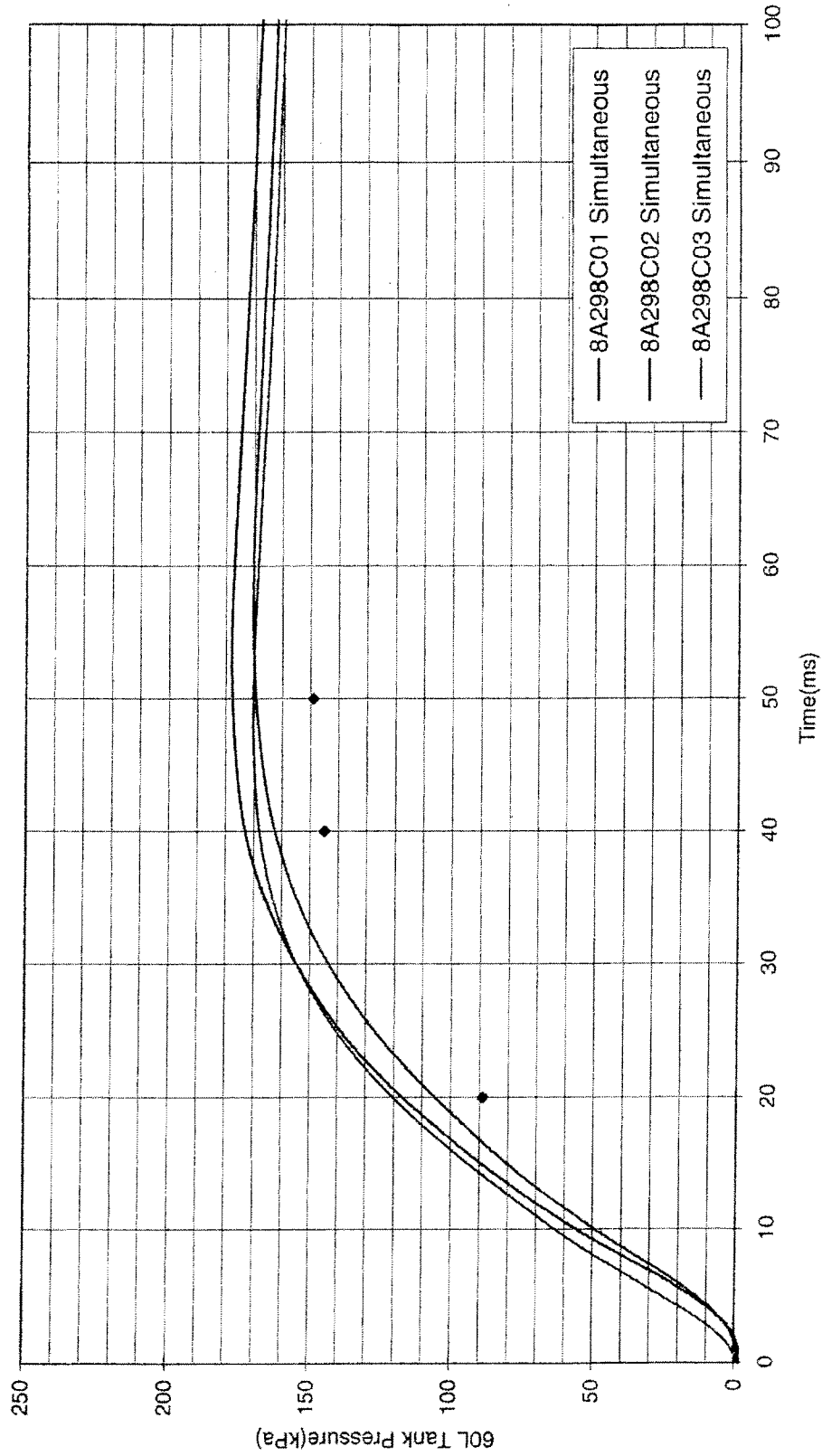
Corrected chart and data for
8A298 Group B.

Vibration/Moisture/Thermal Cycle Group 8
EAR 8A298 Group B

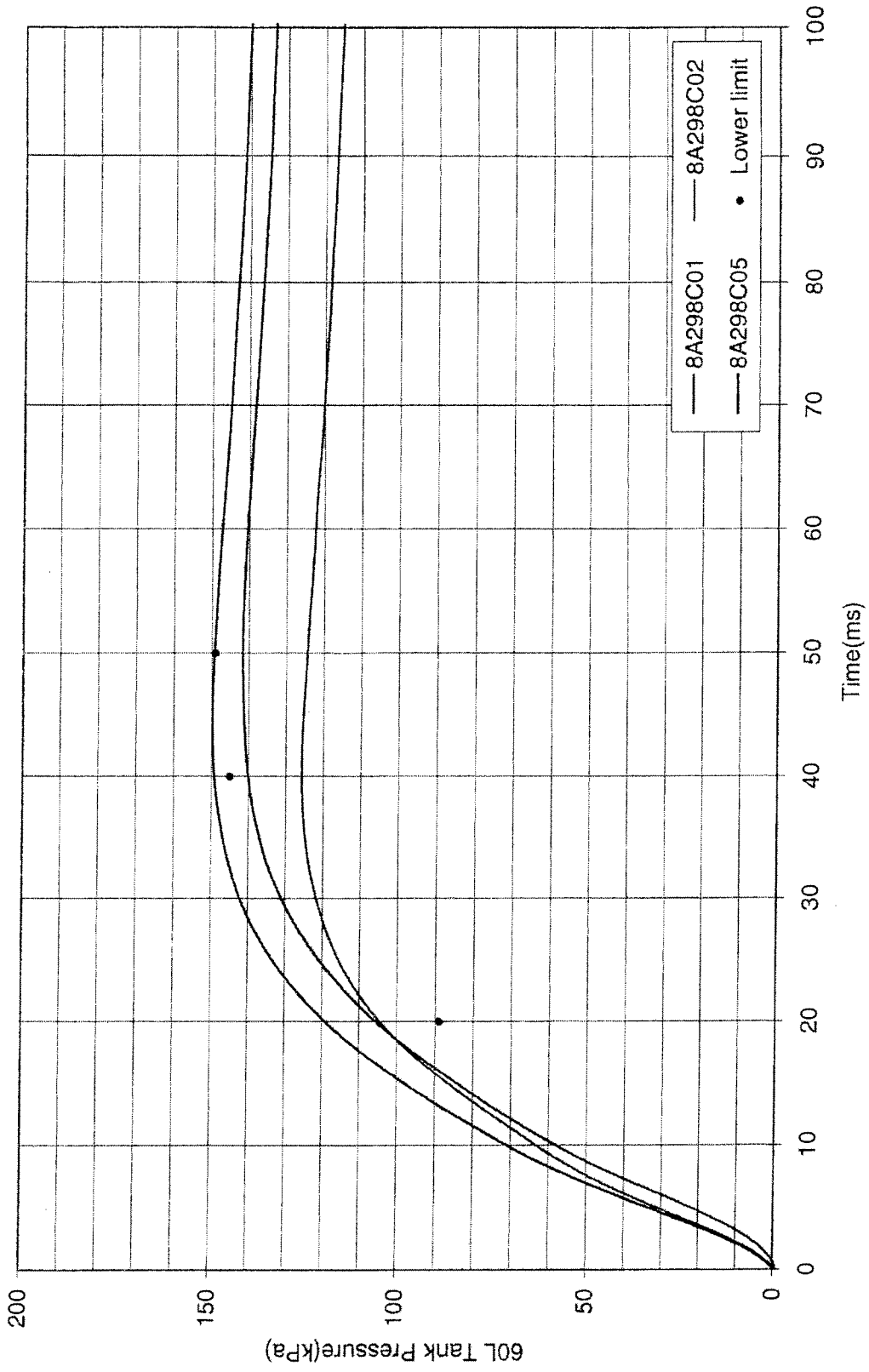


HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@ -35 deg.C (Cold) Simultaneously

Incorrect data.
Data does not match EAR.
8A298C01, 8A298C02, and
8A298C05 corrected data on
following page.

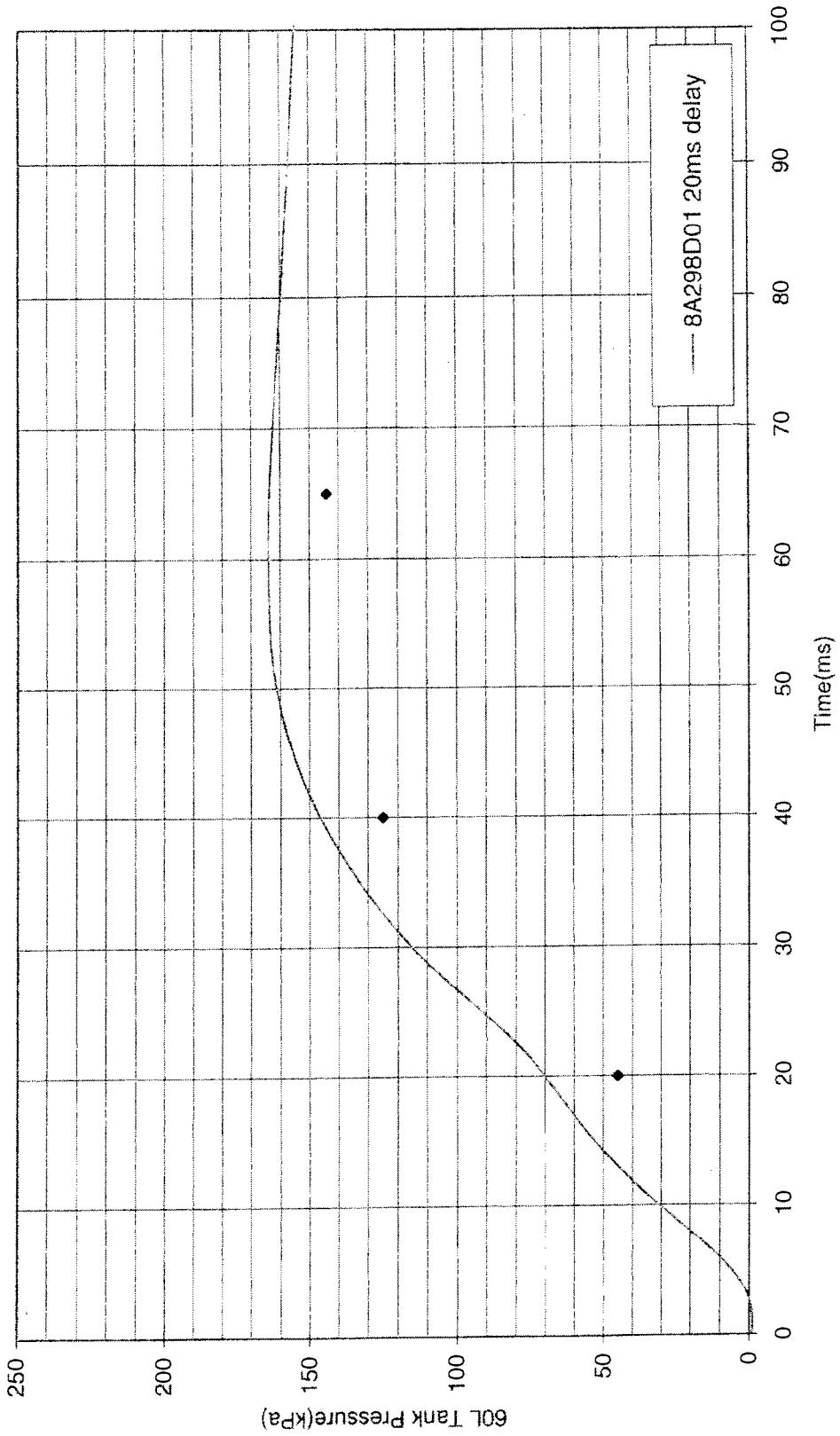


Corrected chart and data for
 8A298 Group C. Vibration/Moisture/Thermal Cycle Group 8
 EAR 8A298 Group C



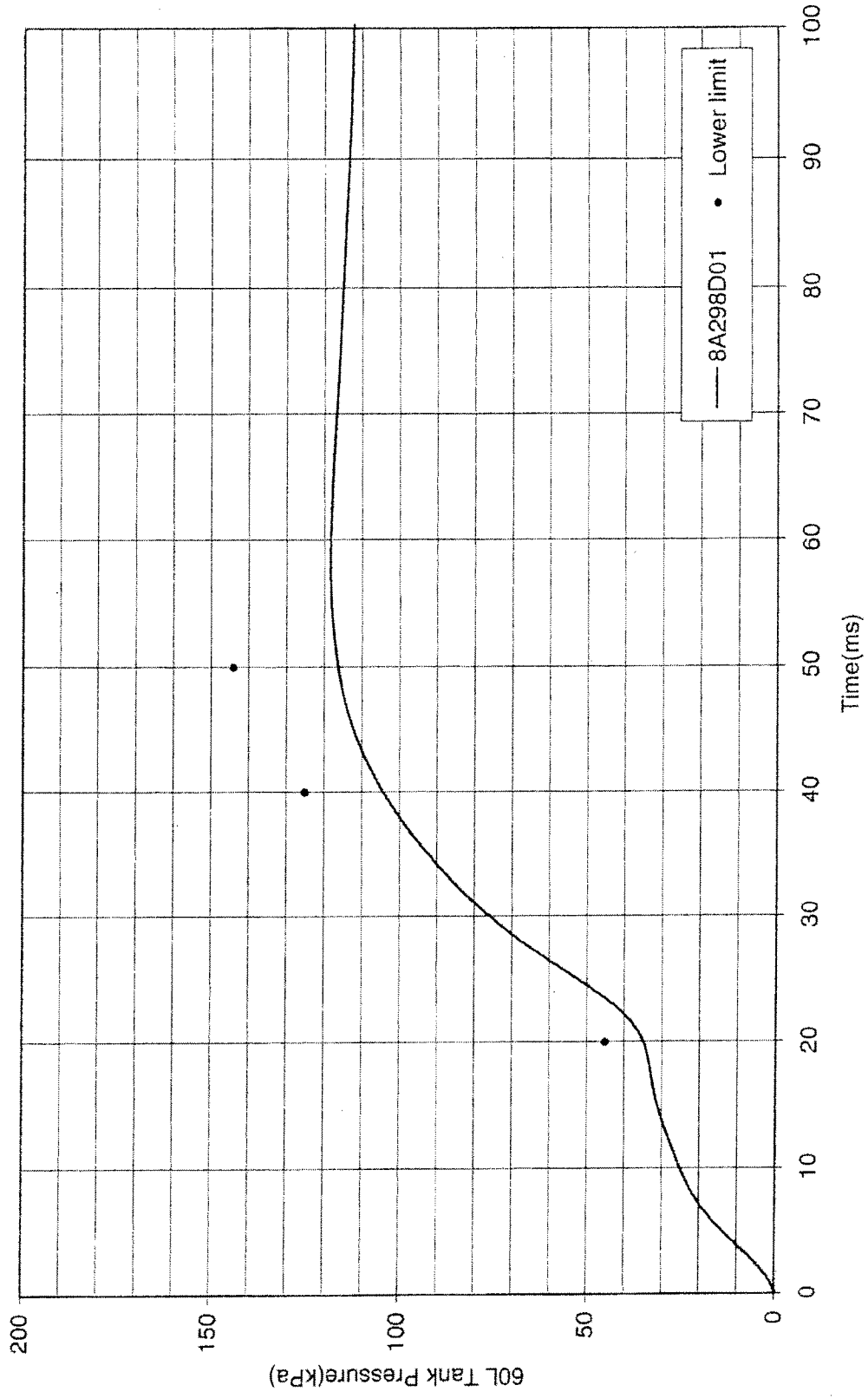
HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@ -35 deg.C (Cold) 20ms delay

Incorrect data.
Data does not match EAR.
8A298D01 corrected data on
following page.



Corrected chart and data for
8A298 Group D.

Vibration/Moisture/Thermal Cycle Group 8
EAR 8A298 Group D

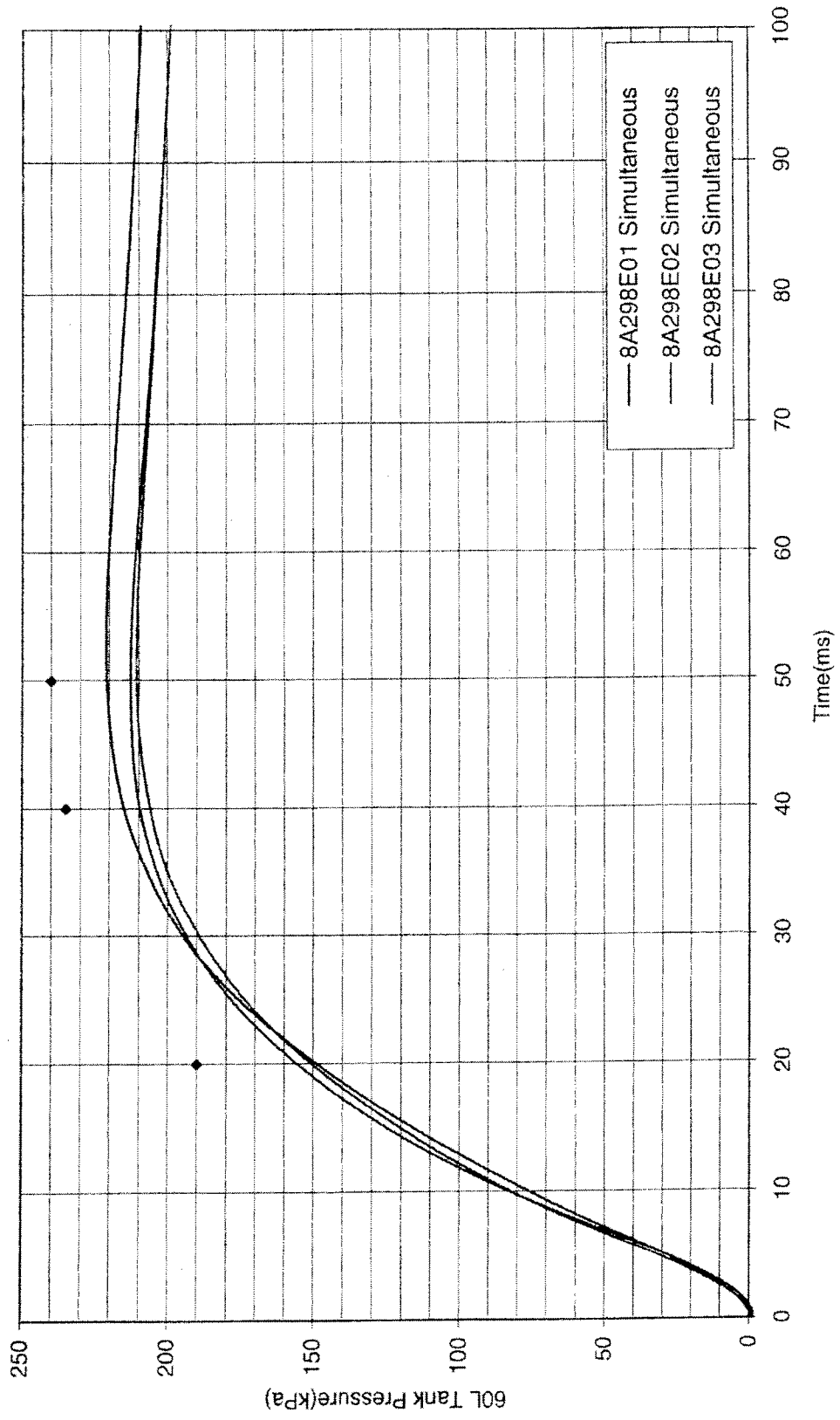


HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@ +85 deg.C (Hot) Simultaneously

Incorrect data.

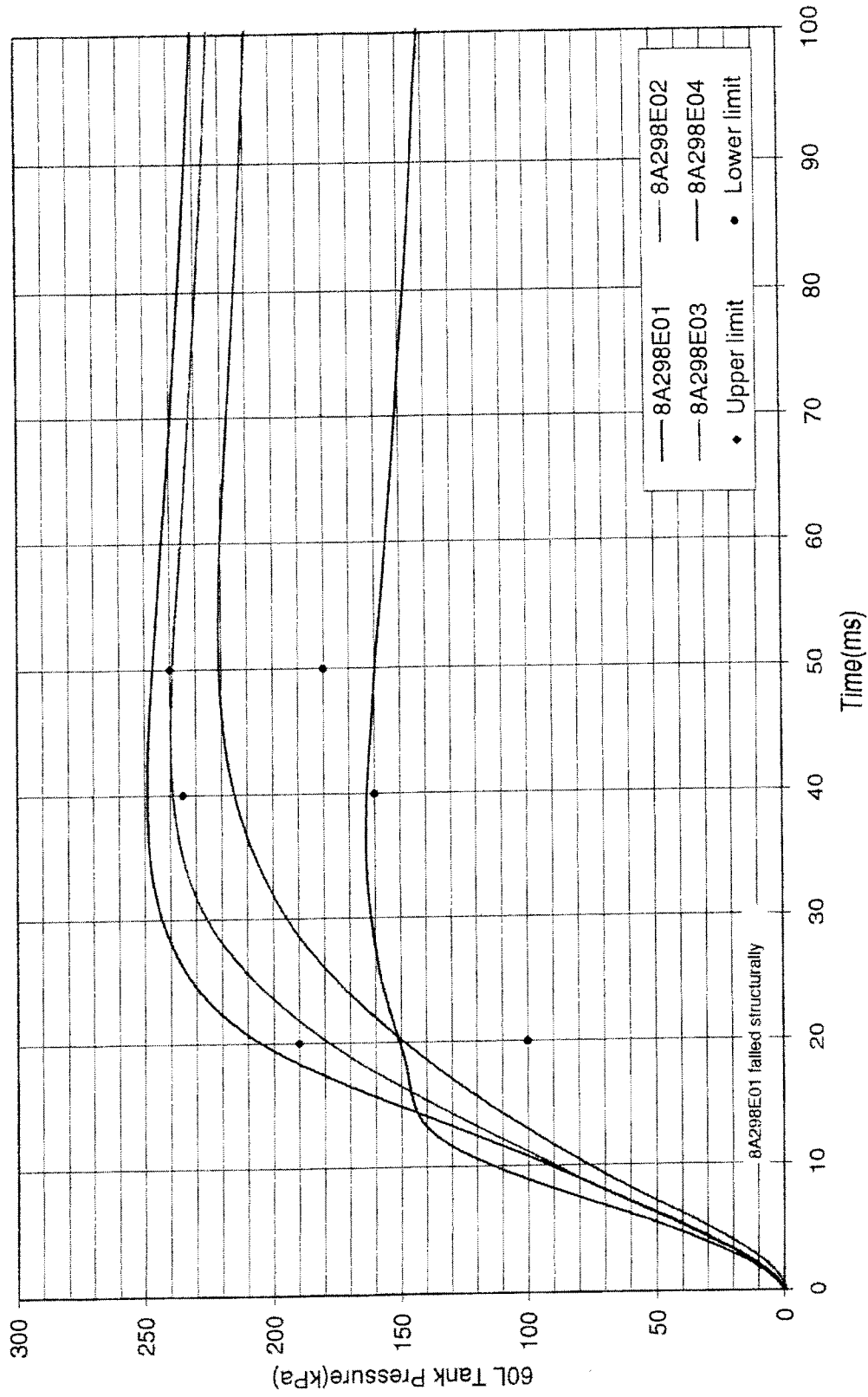
Data does not match EAR.

8A298E01-8A298E04 corrected
data on following page.



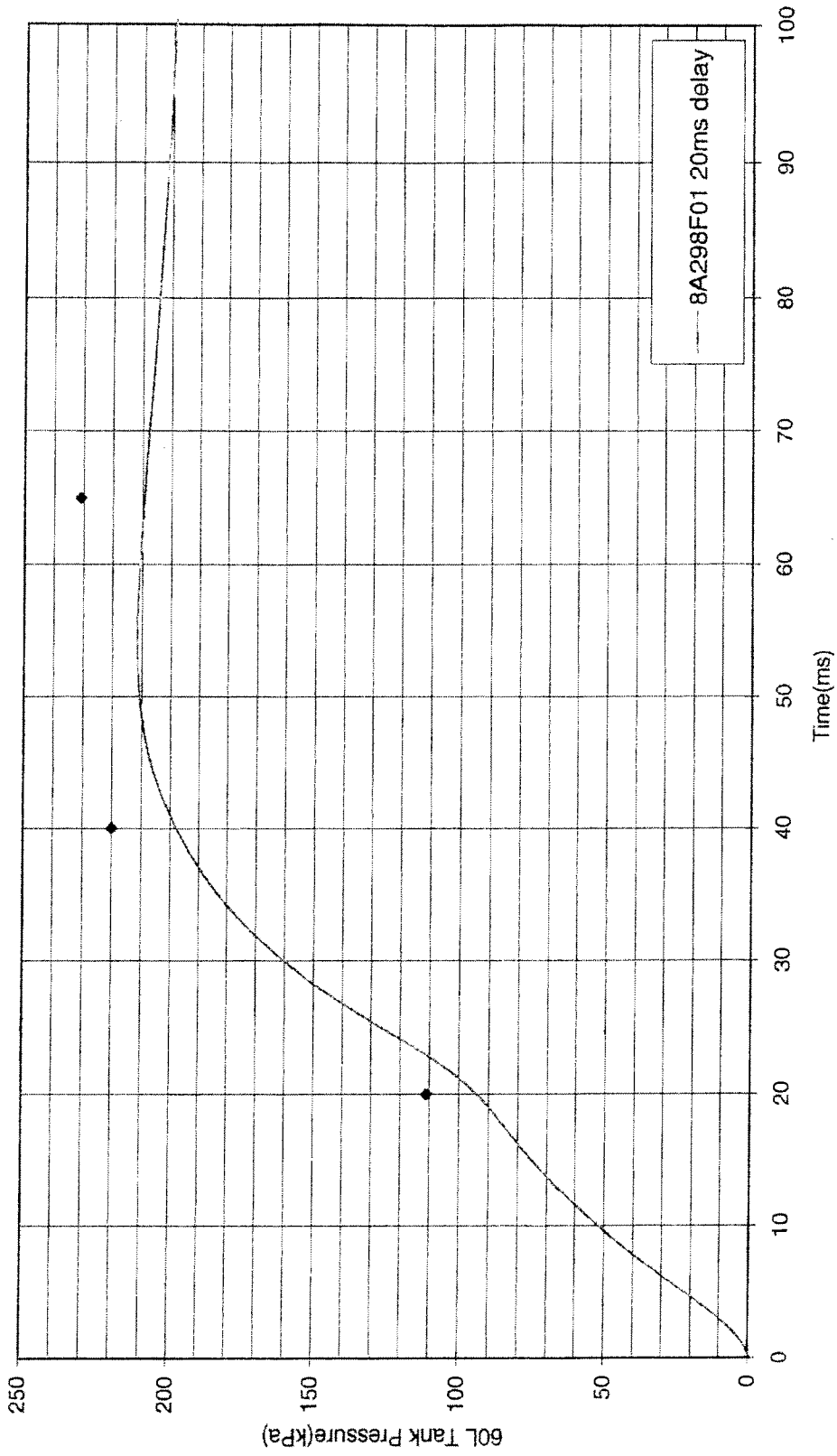
Vibration/Moisture/Thermal Cycle Group 8
 EAR 8A298 Group E

Corrected chart and data for
 8A298 Group E.



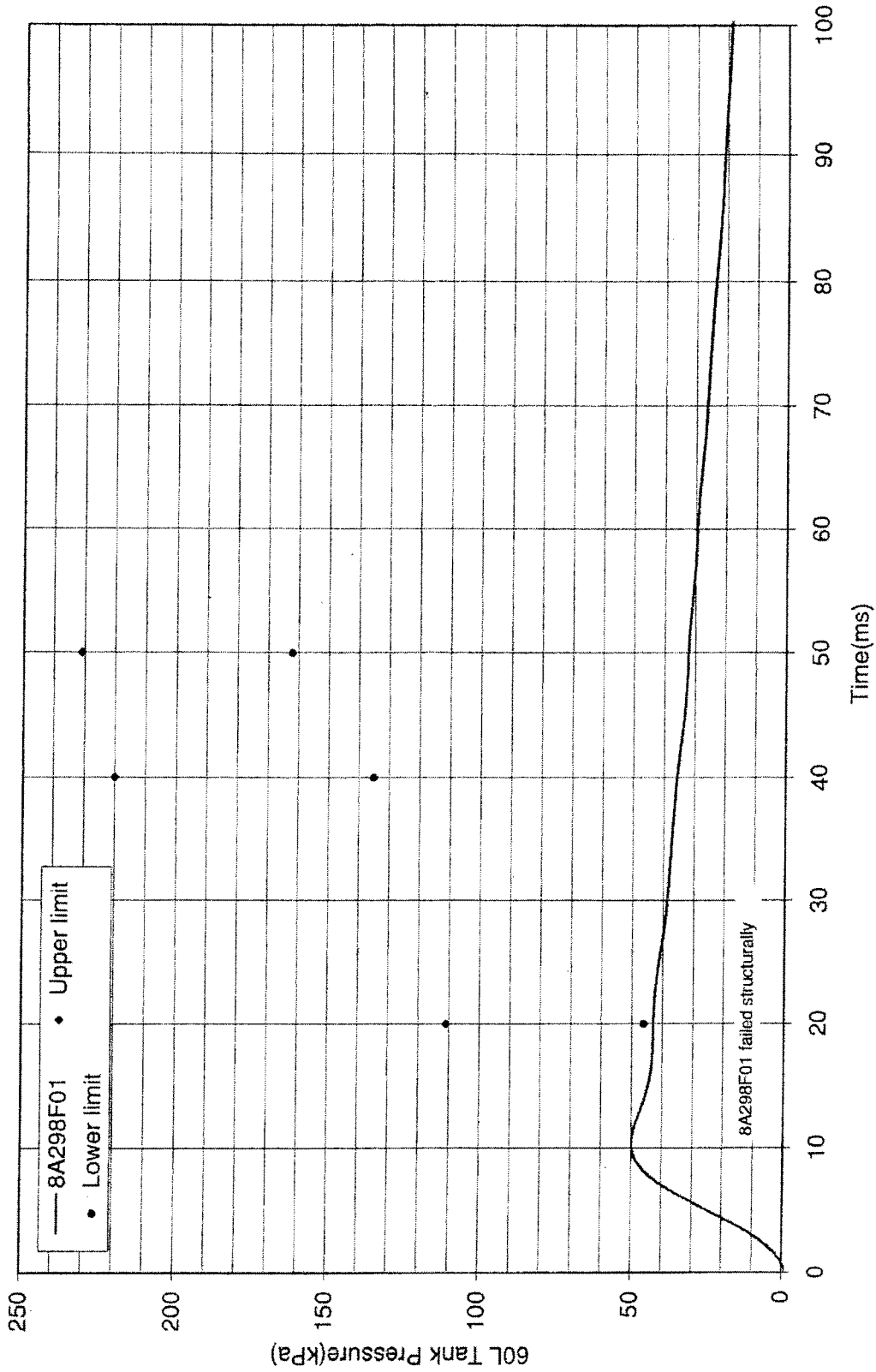
HONDA PSDI Group 8 (Vibration / Thermal Cycle / Moisture)
@ +85 deg.C (Hot) 20ms delay

Incorrect data.
Data does not match EAR.
8A298F01 corrected data on
following page.



Corrected chart and data for
8A298 Group F.

Vibration/Moisture/Thermal Cycle Group 8
EAR 8A298 Group F

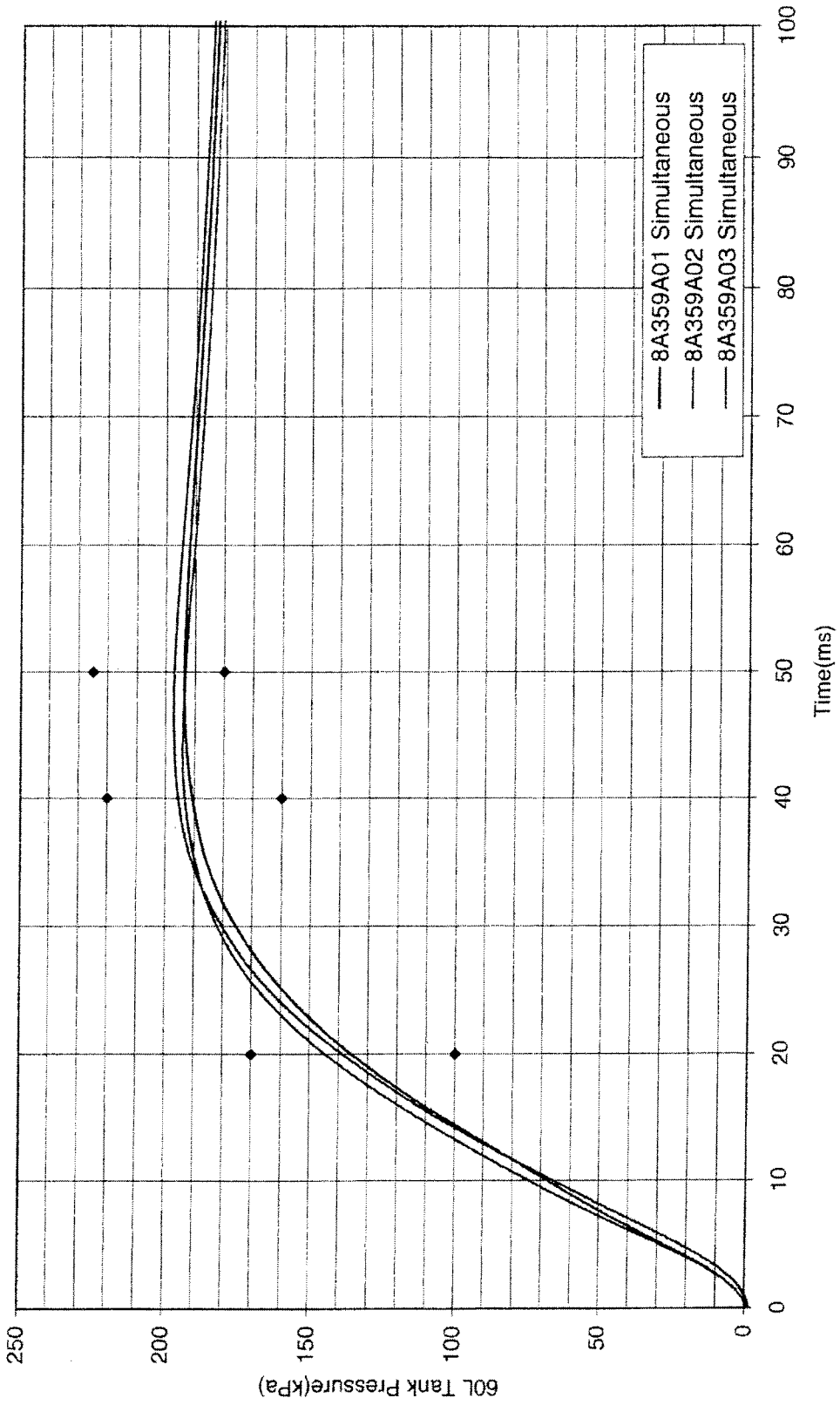


APPENDIX G

Vibration/Thermal Shock Test Group 9

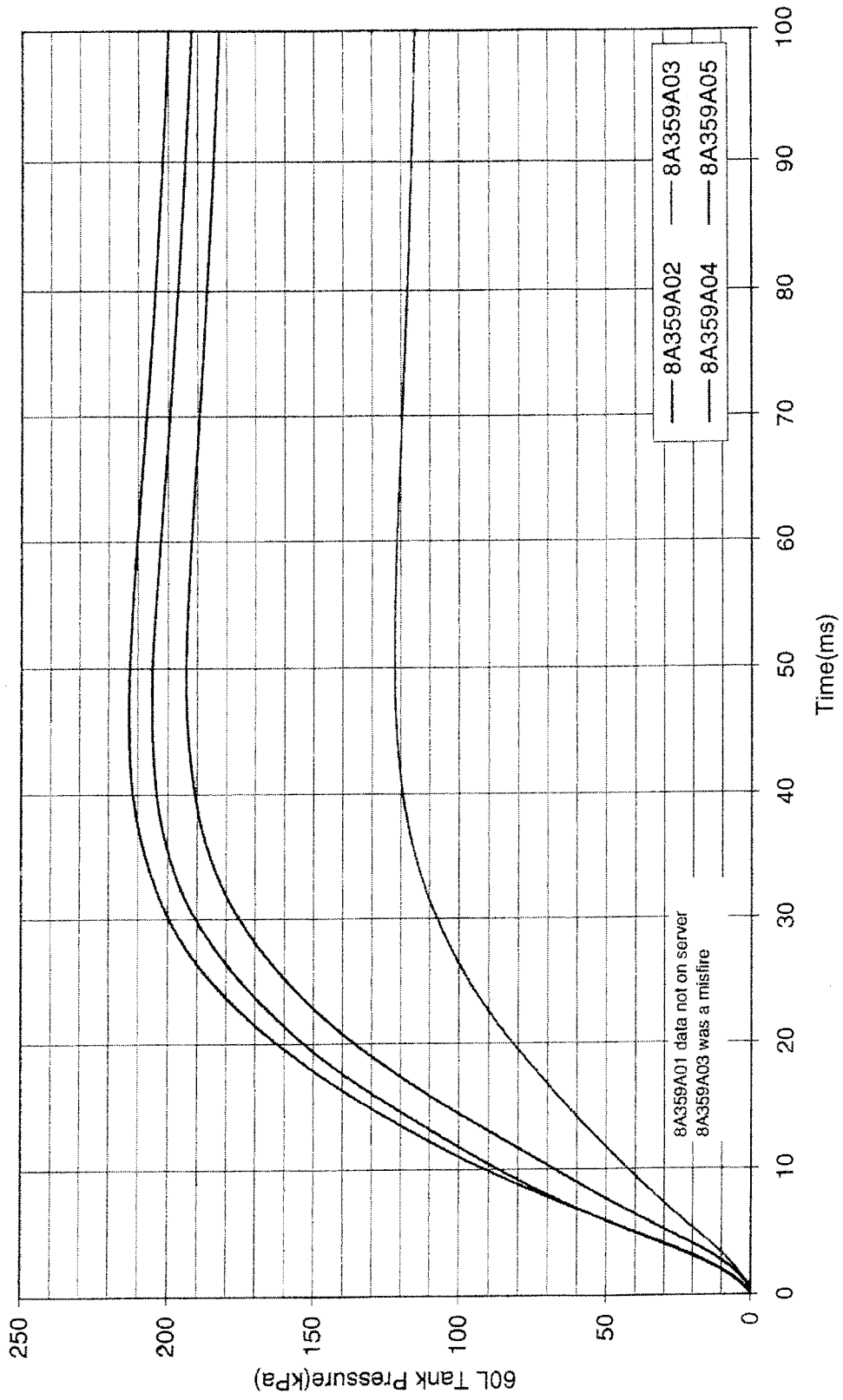
HONDA PSDI Group 9 (Vibration / Thermal Shock)
@ +22 deg.C (Amb) Simultaneously

Incorrect data.
Data does not match EAR.
8A359A02-8A359A05 corrected
data on following page.



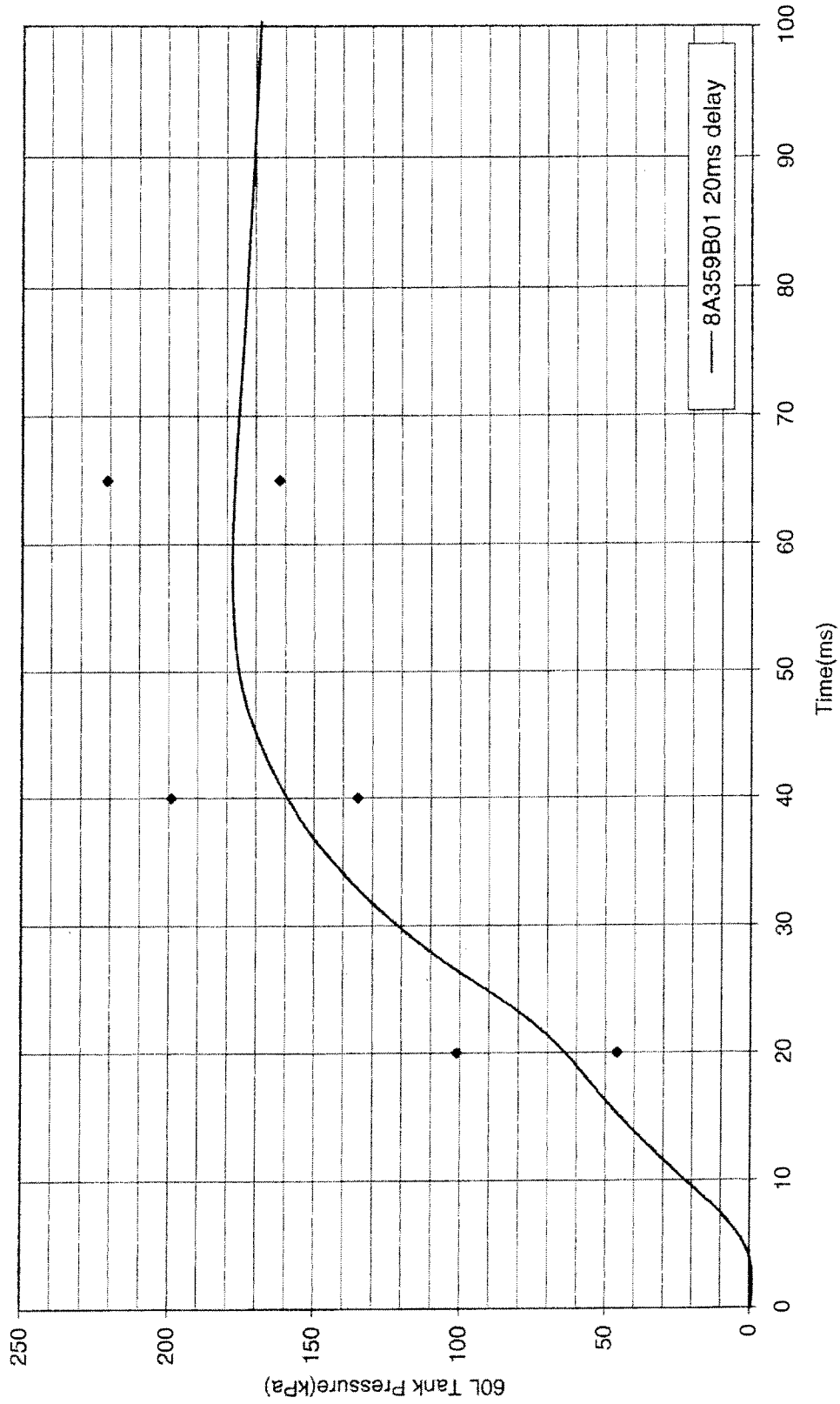
Corrected chart and data for
8A359 Group A.

Vibration/Thermal Shock Group 9
EAR 8A359 Group A



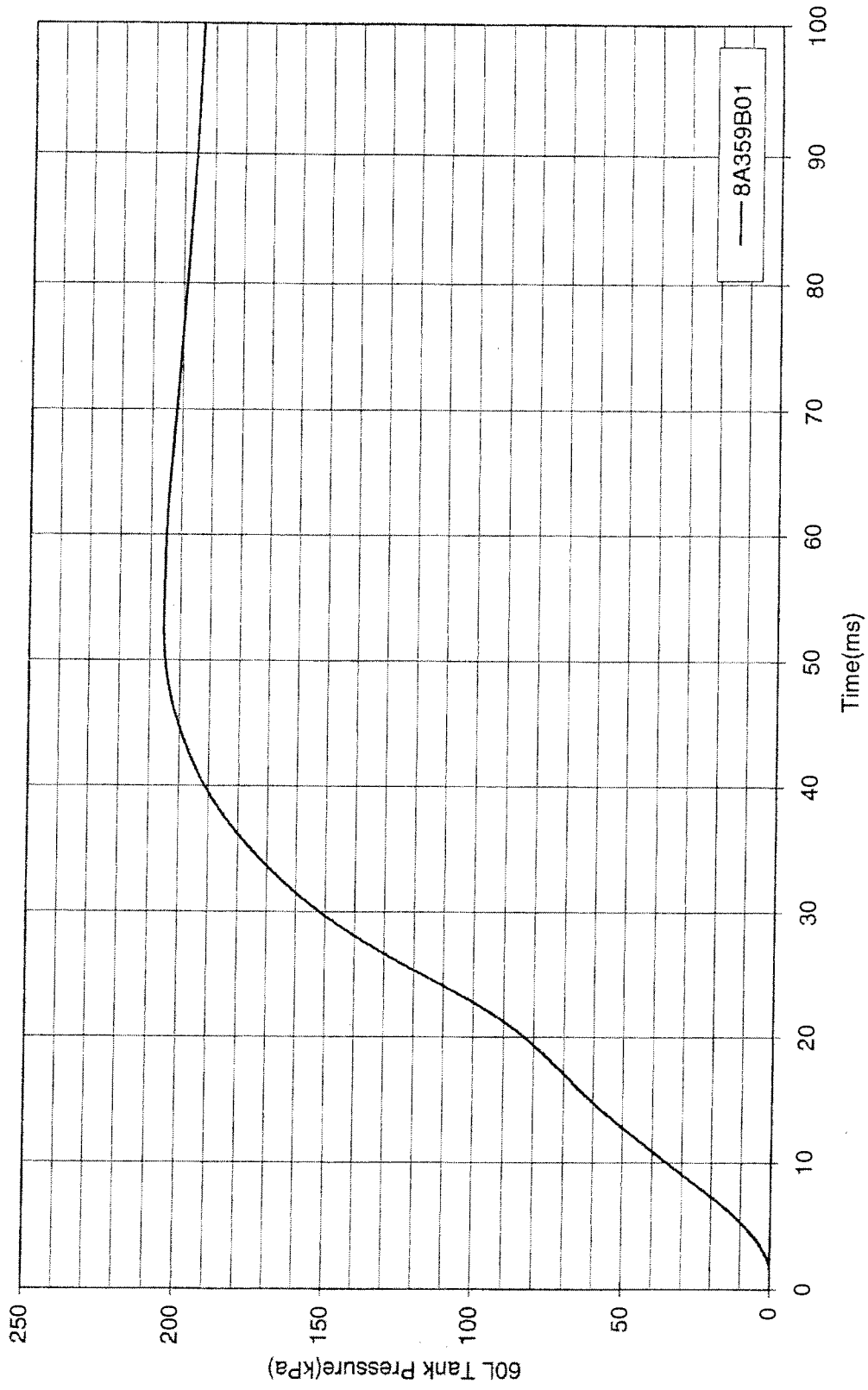
HONDA PSDI Group 9 (Vibration / Thermal Shock)
@ +22 deg.C (Amb) 20ms delay

Incorrect data.
Data does not match EAR.
8A359B01 corrected data on
following page.



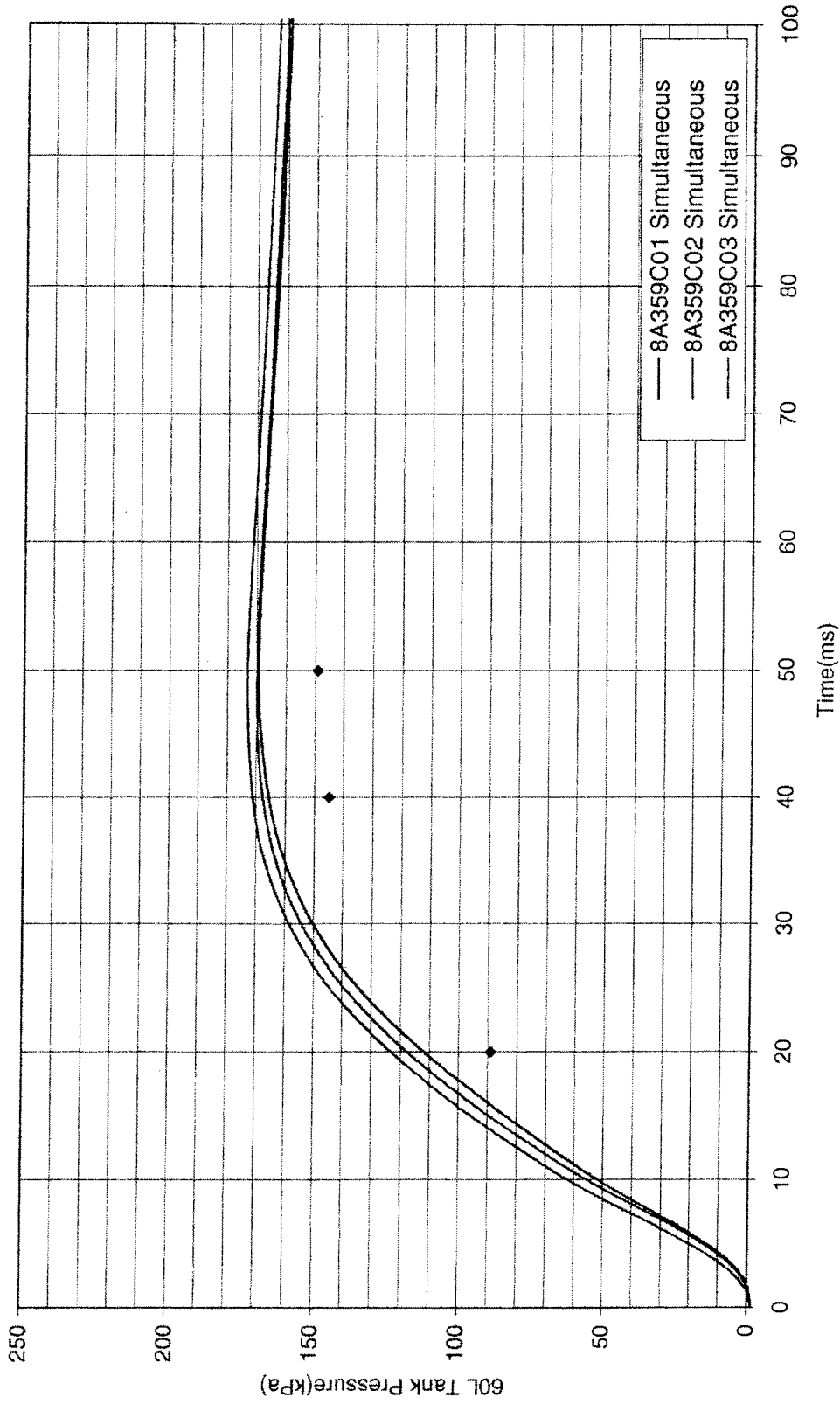
Corrected chart and data for
8A359 Group B.

Vibration/Thermal Shock Group 9
EAR 8A359 Group B



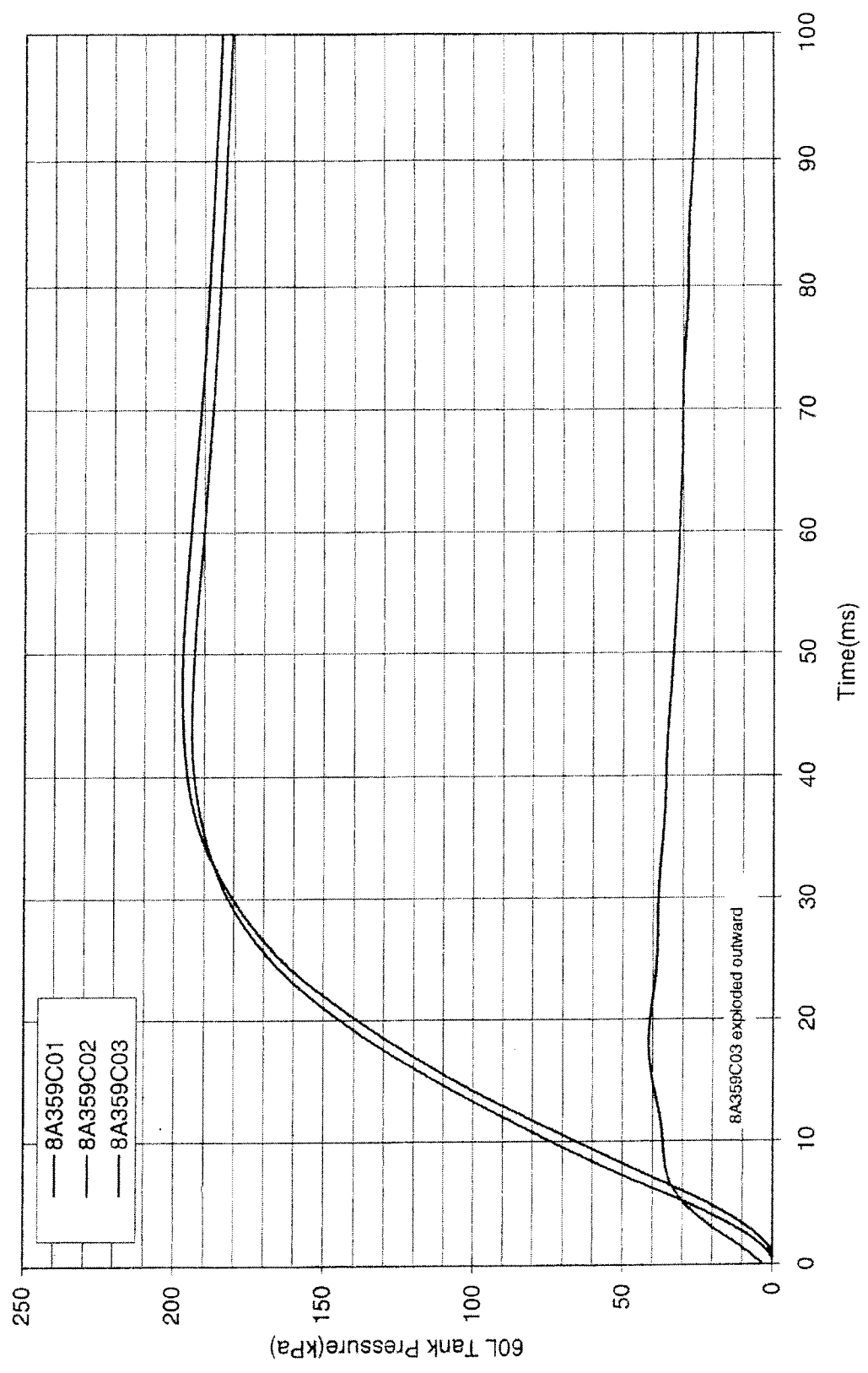
HONDA PSDI Group 9 (Vibration / Thermal Shock)
@ -35 deg.C (Cold) Simultaneously

Incorrect data.
Data does not match EAR.
8A359C01-8A359C03 corrected
data on following page.



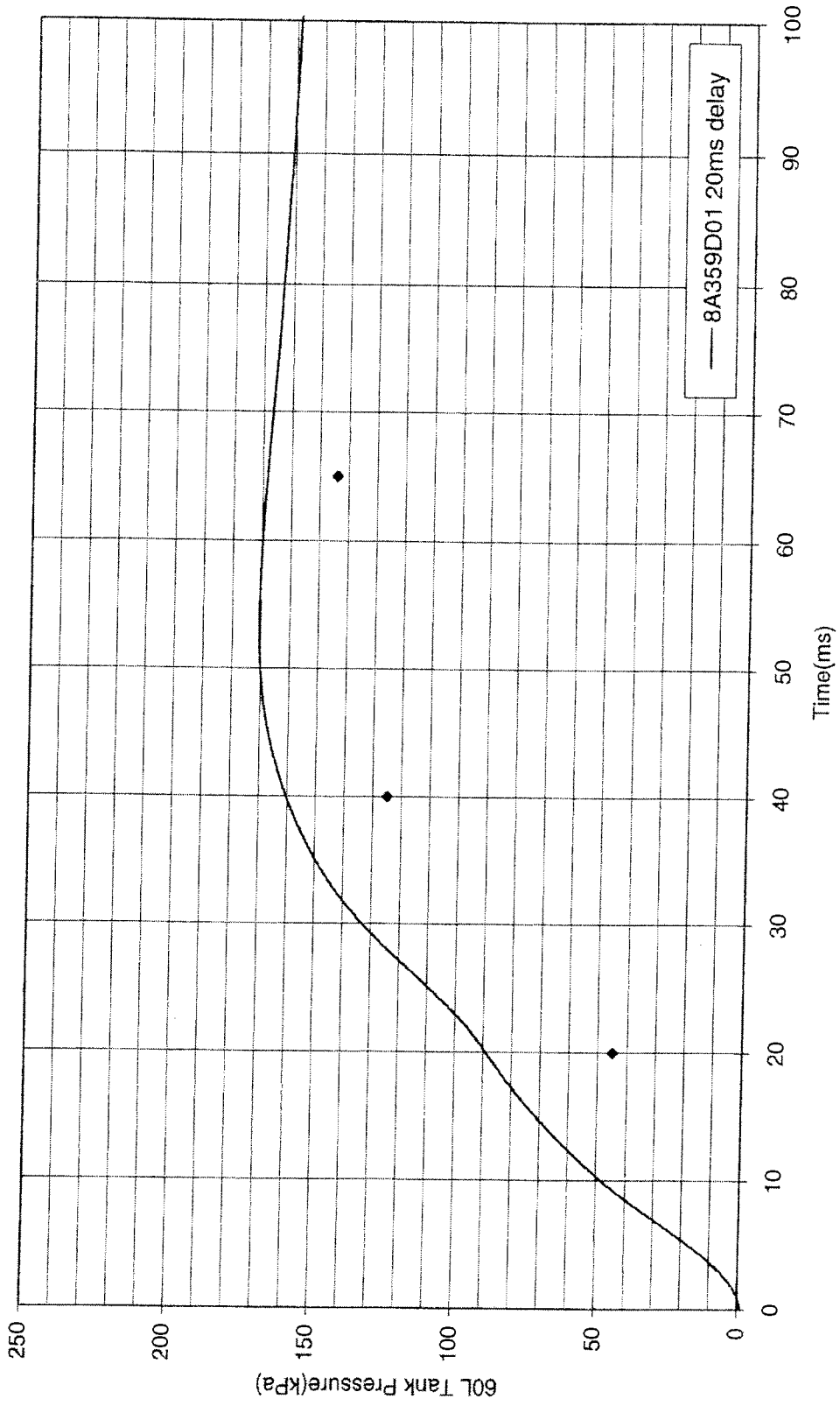
Corrected chart and data for
8A359 Group C.

Vibration/Thermal Shock Group 9
EAR 8A359 Group C



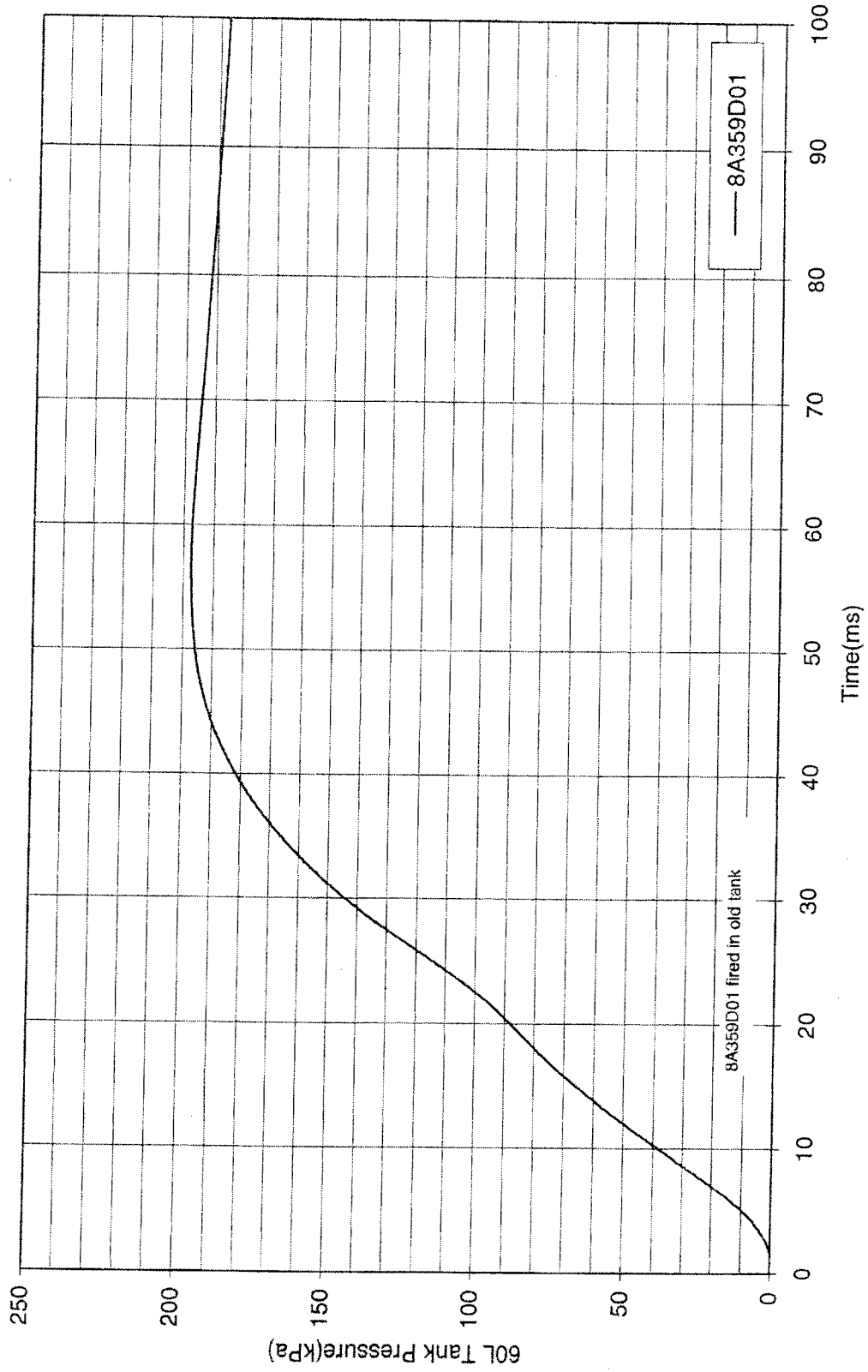
HONDA PSDI Group 9 (Vibration / Thermal Shock)
@ -35 deg.C (Cold) 20ms delay

Incorrect data.
Data does not match EAR.
8A359D01 corrected data on
following page.



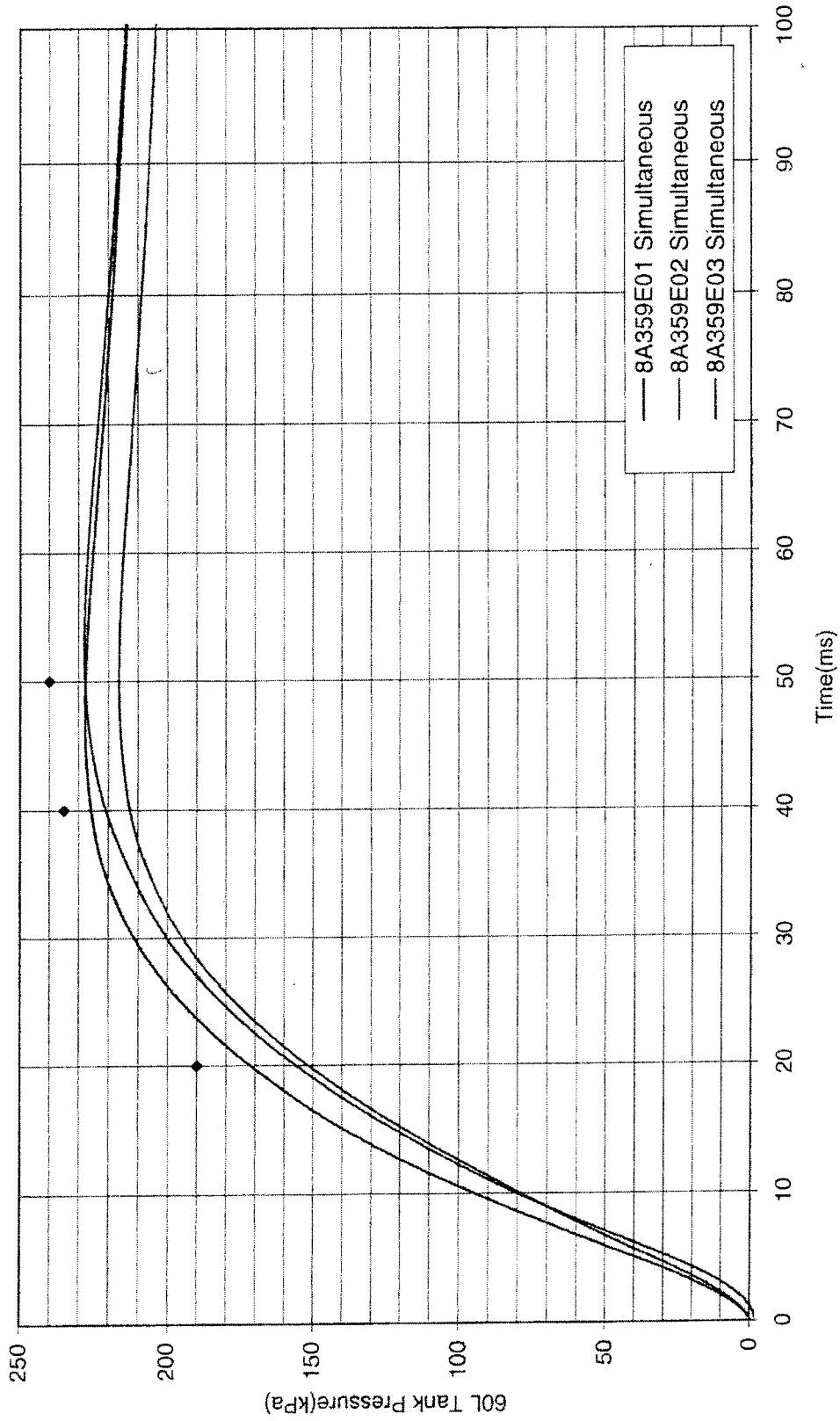
Corrected chart and data for
8A359 Group D.

Vibration/Thermal Shock Group 9
EAR 8A359 Group D



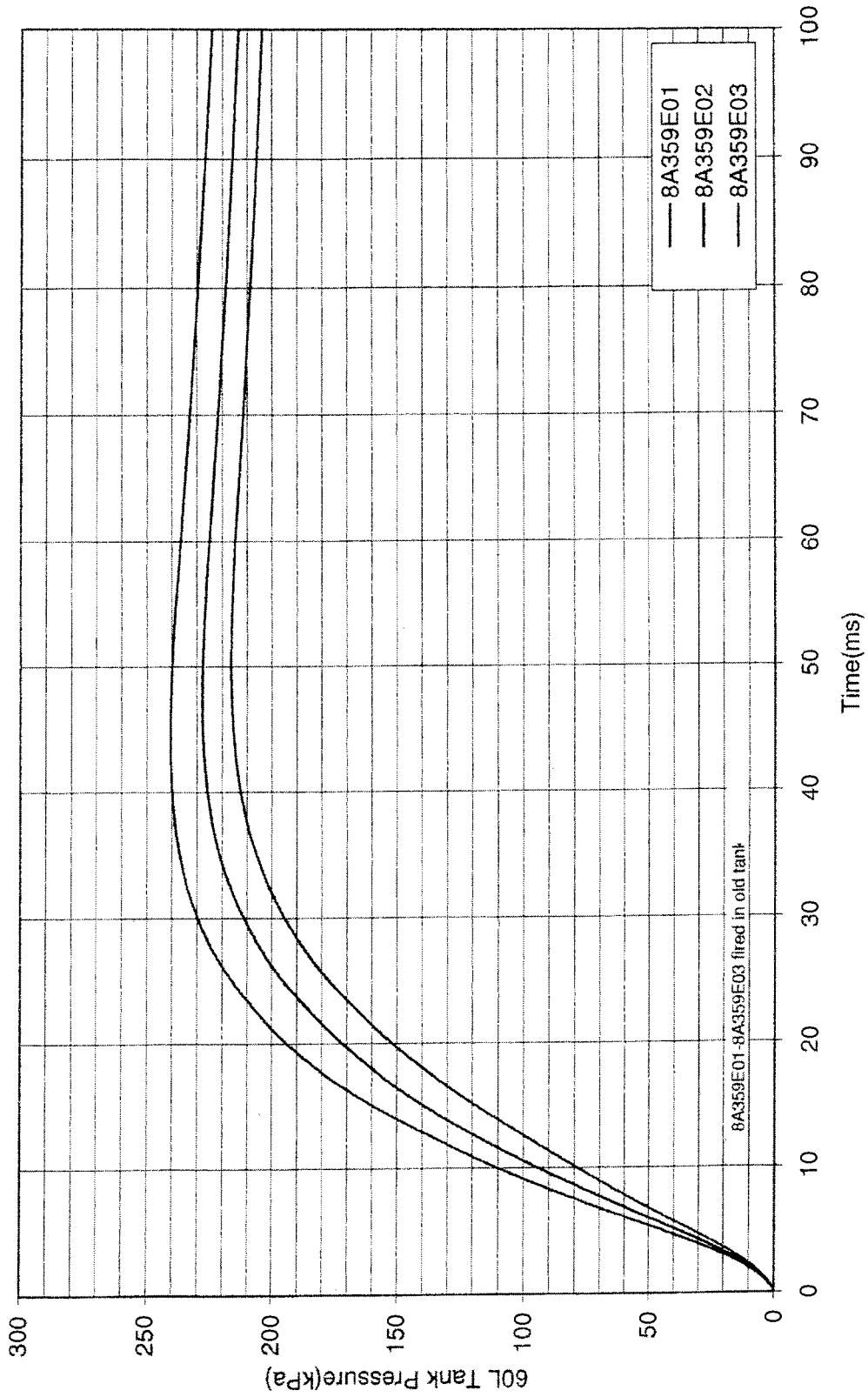
HONDA PSDI Group 9 (Vibration / Thermal Shock)
 @ +85 deg.C (Hot) Simultaneously

Incorrect data.
 Data does not match EAR.
 8A359E01-8A359E03 corrected
 data on following page.



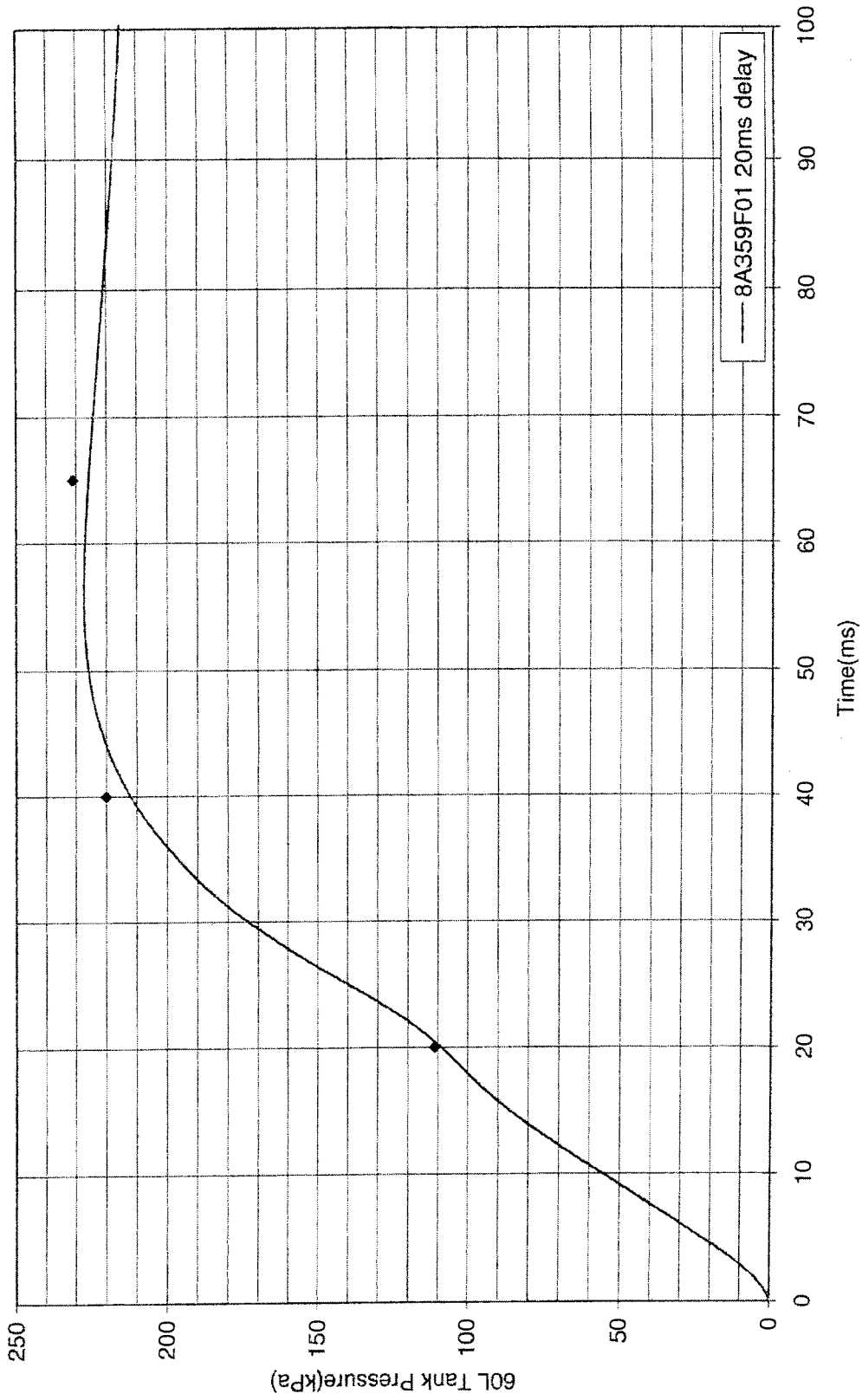
Corrected chart and data for
8A359 Group E.

Vibration/Thermal Shock Group 9
EAR 8A359 Group E



HONDA PSDI Group 9 (Vibration / Thermal Shock)
@ +85 deg.C (Hot) 20ms delay

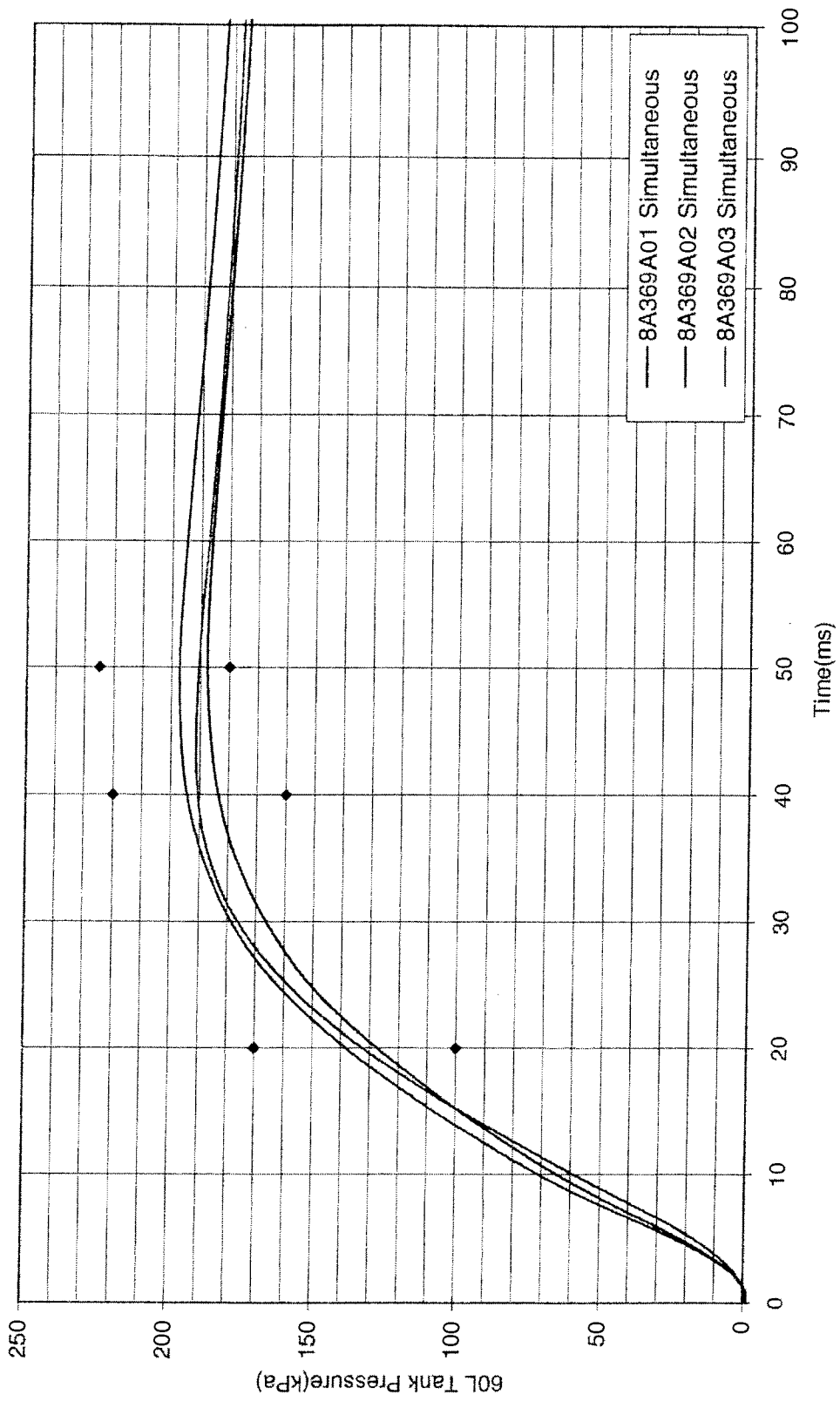
Original chart and data for
8A359 Group F correct.



APPENDIX H
Drop Test Group 10

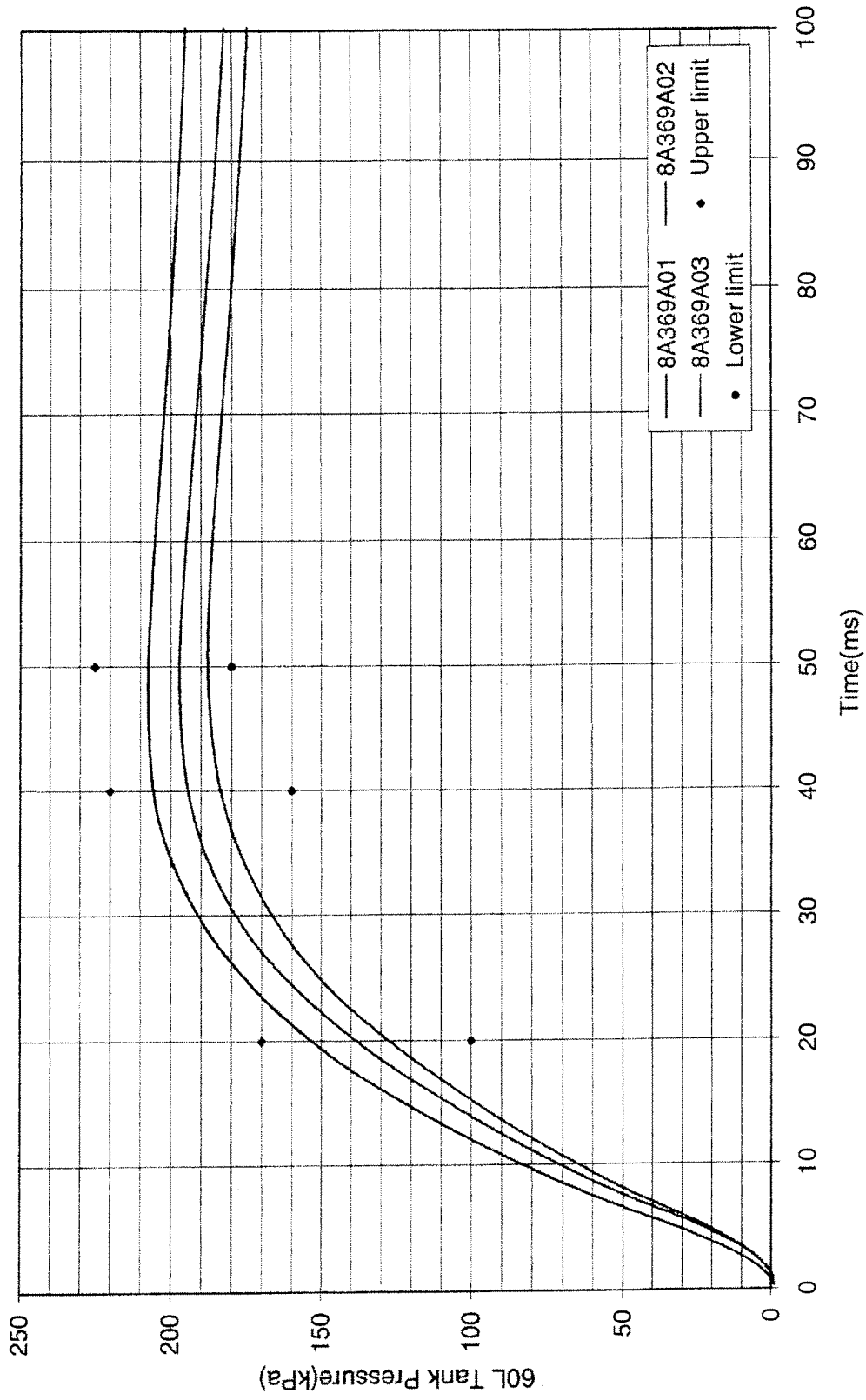
HONDA PSDI Group 10 (Drop Test)
@+22 deg.C (Amb) Simultaneously

Incorrect data.
Data does not match EAR.
8A369A01-8A369A03 corrected
data on following page.



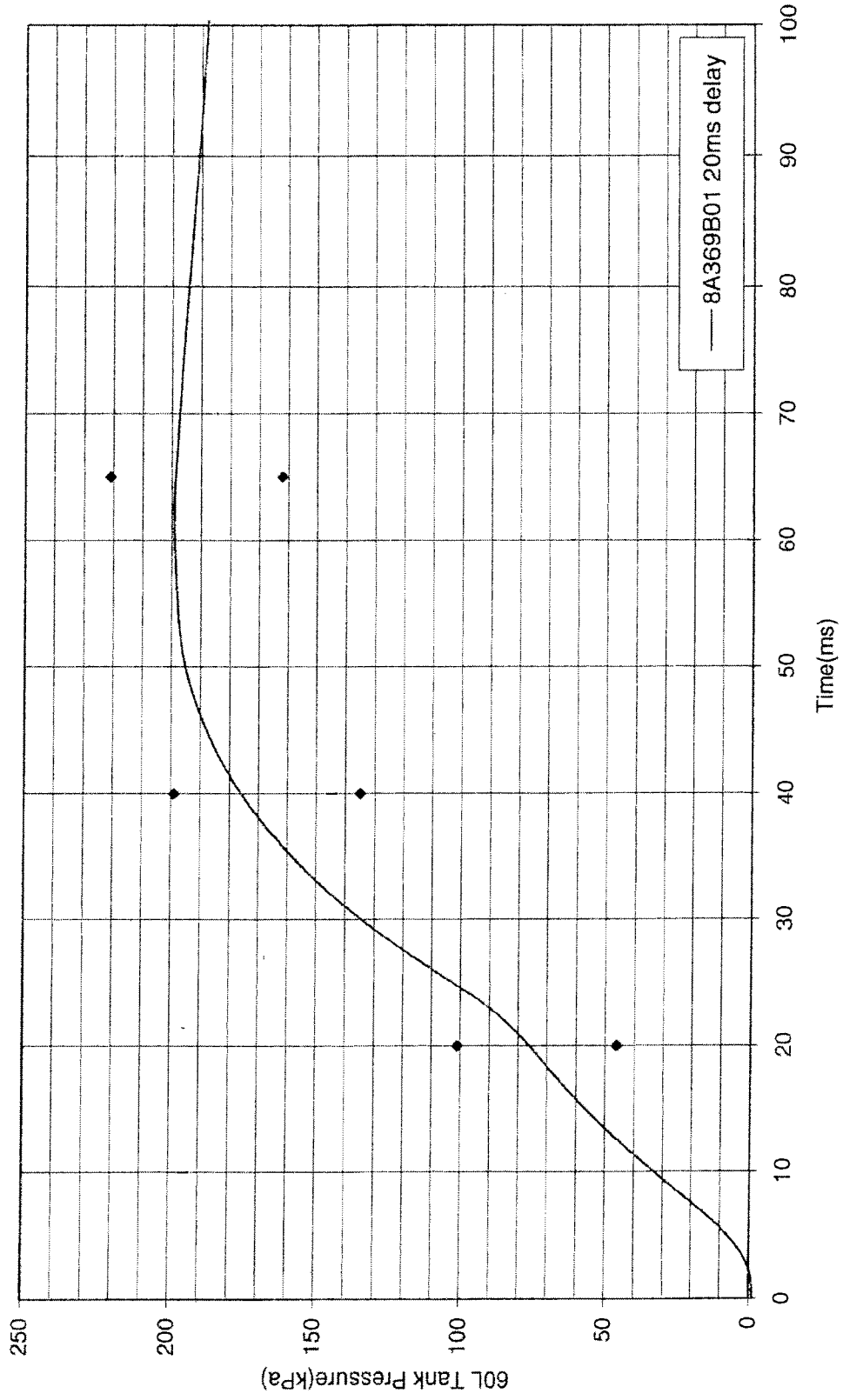
Corrected chart and data for
8A369 Group A.

Drop Test Group 10
EAR 8A369 Group A



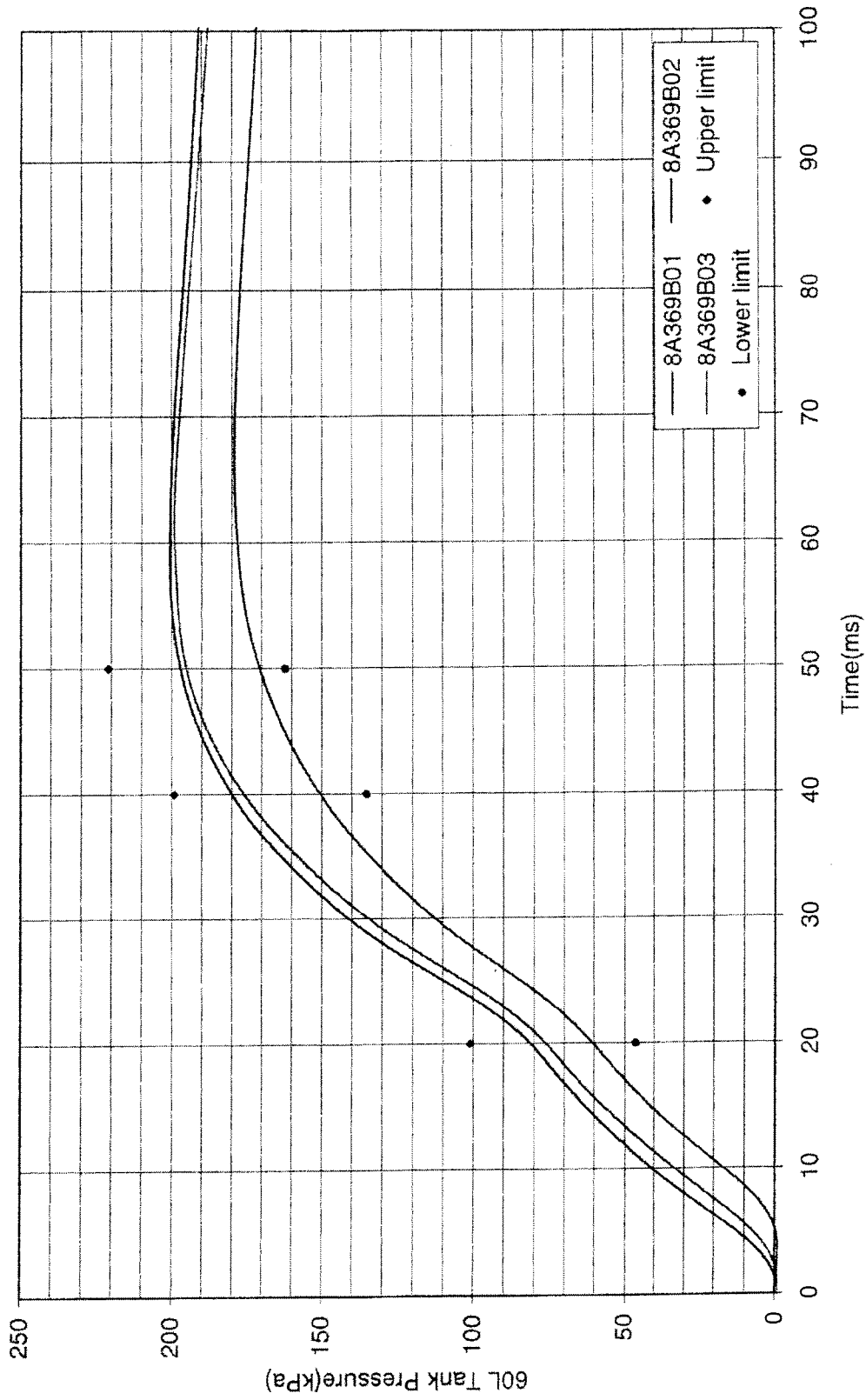
HONDA PSDI Group 10 (Drop Test)
@ +22 deg.C (Amb) 20ms delay

Incorrect data.
Data does not match EAR.
8A369B01-8A369B03 corrected
data on following page.



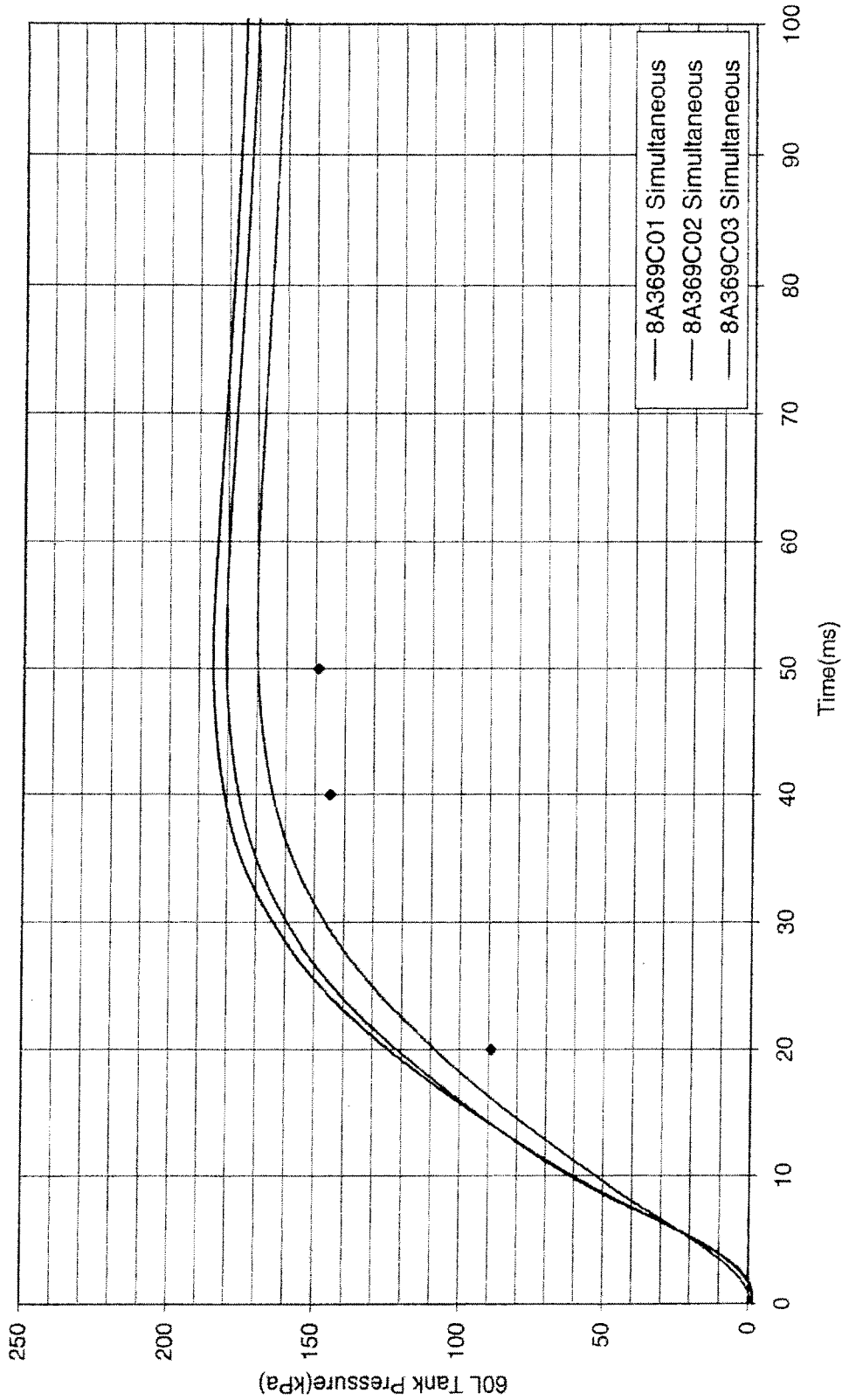
Corrected chart and data for
8A369 Group B.

Drop Test Group 10
EAR 8A369 Group B



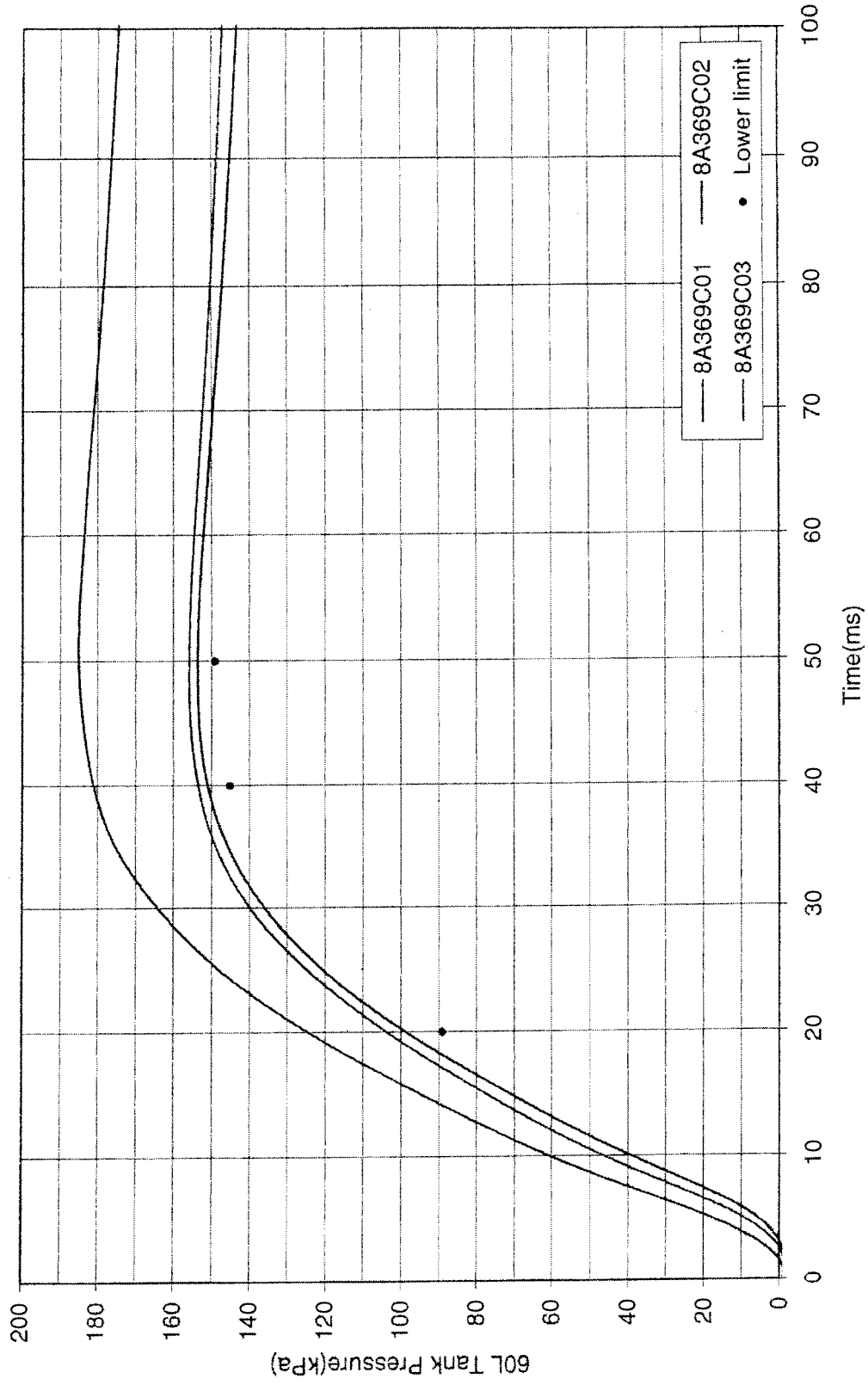
HONDA PSDI Group 10 (Drop Test)
@ -35 deg.C (Cold) Simultaneously

Incorrect data.
Data does not match EAR.
8A369C01-8A369C03 corrected
data on following page.



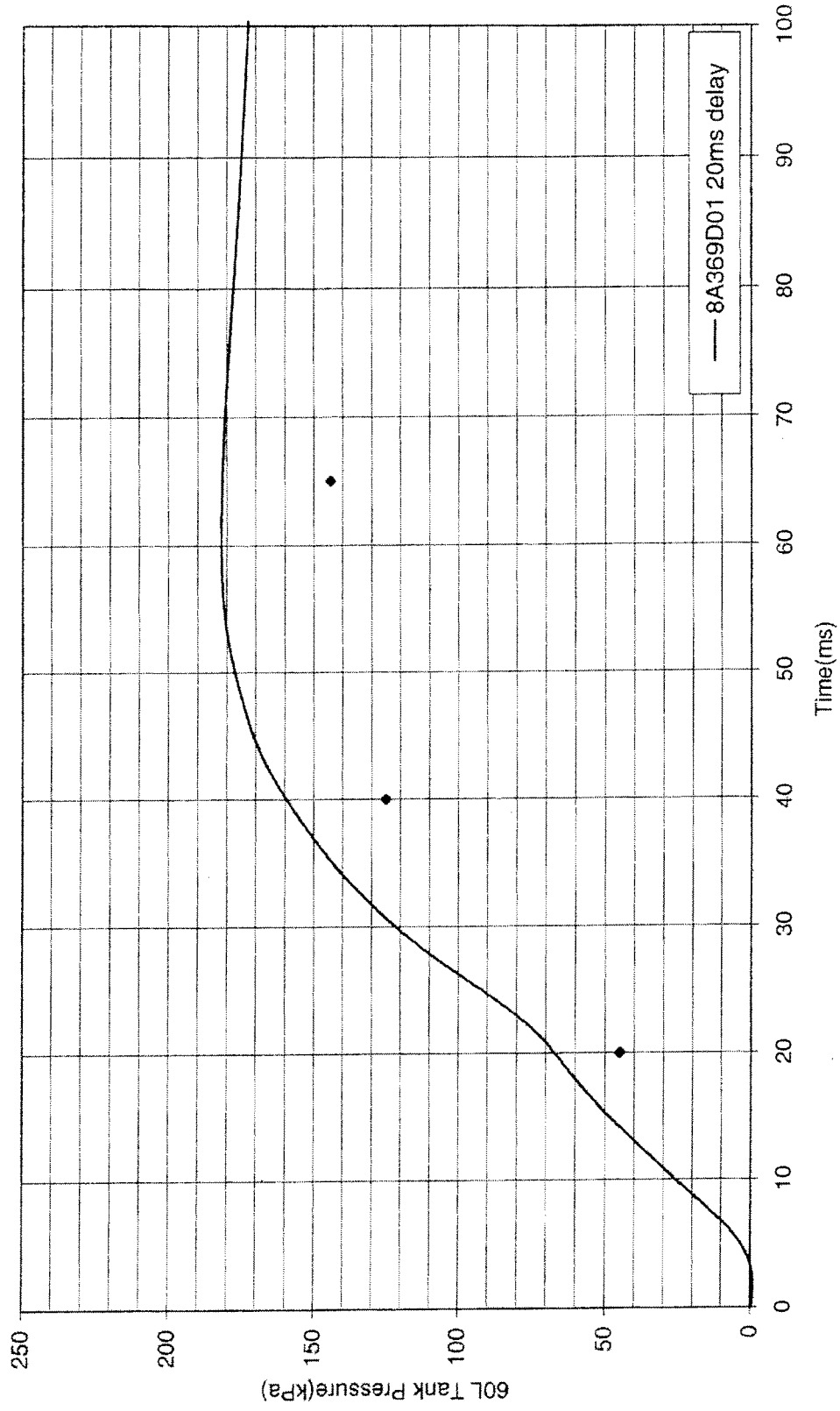
Corrected chart and data for
8A369 Group C.

Drop Test Group 10
EAR 8A369 Group C



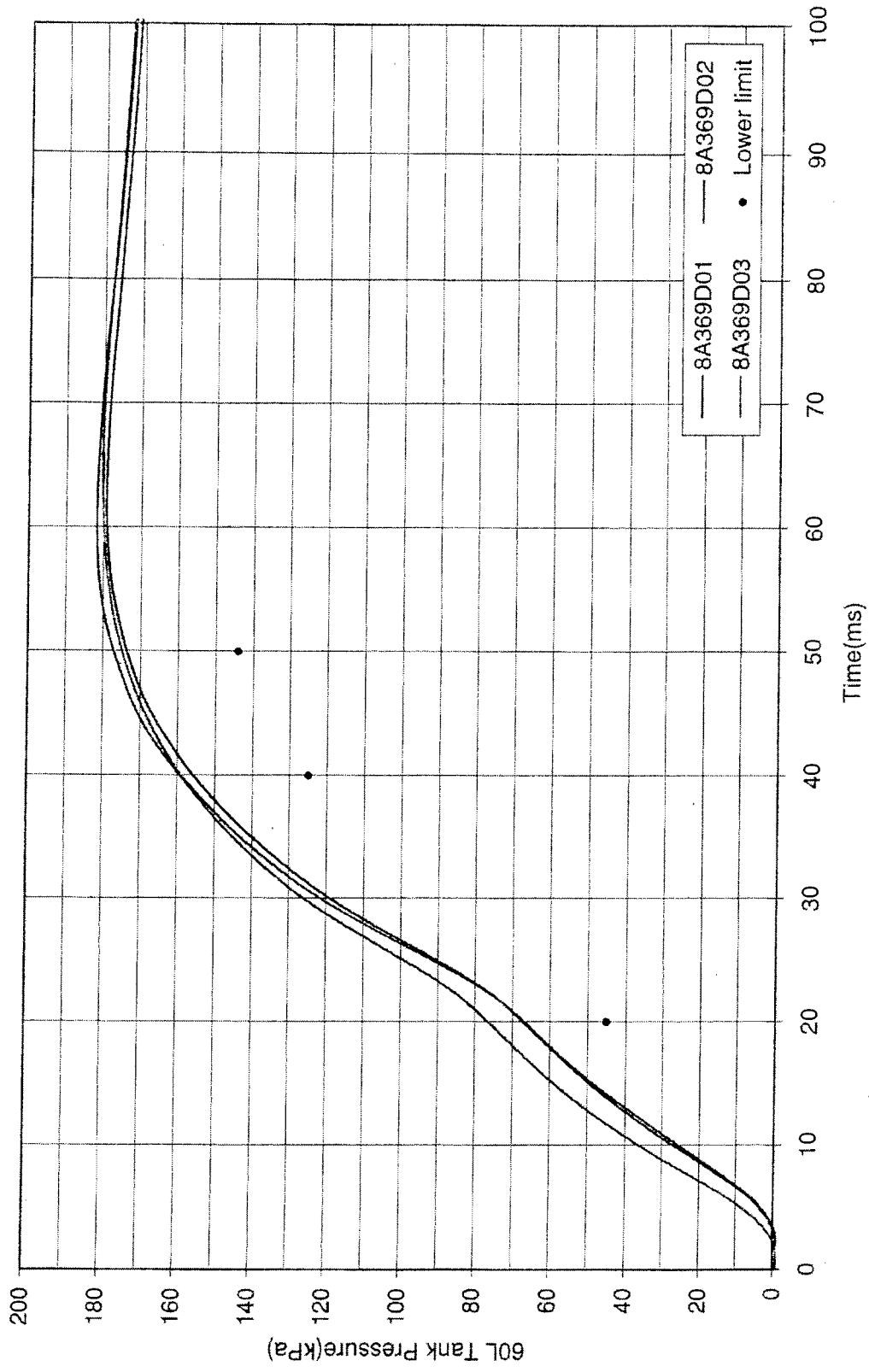
HONDA PSDI Group 10 (Drop Test)
@ -35 deg.C (Cold) 20ms delay

Incorrect data.
Data does not match EAR.
8A369D01-8A369D03 corrected
data on following page.



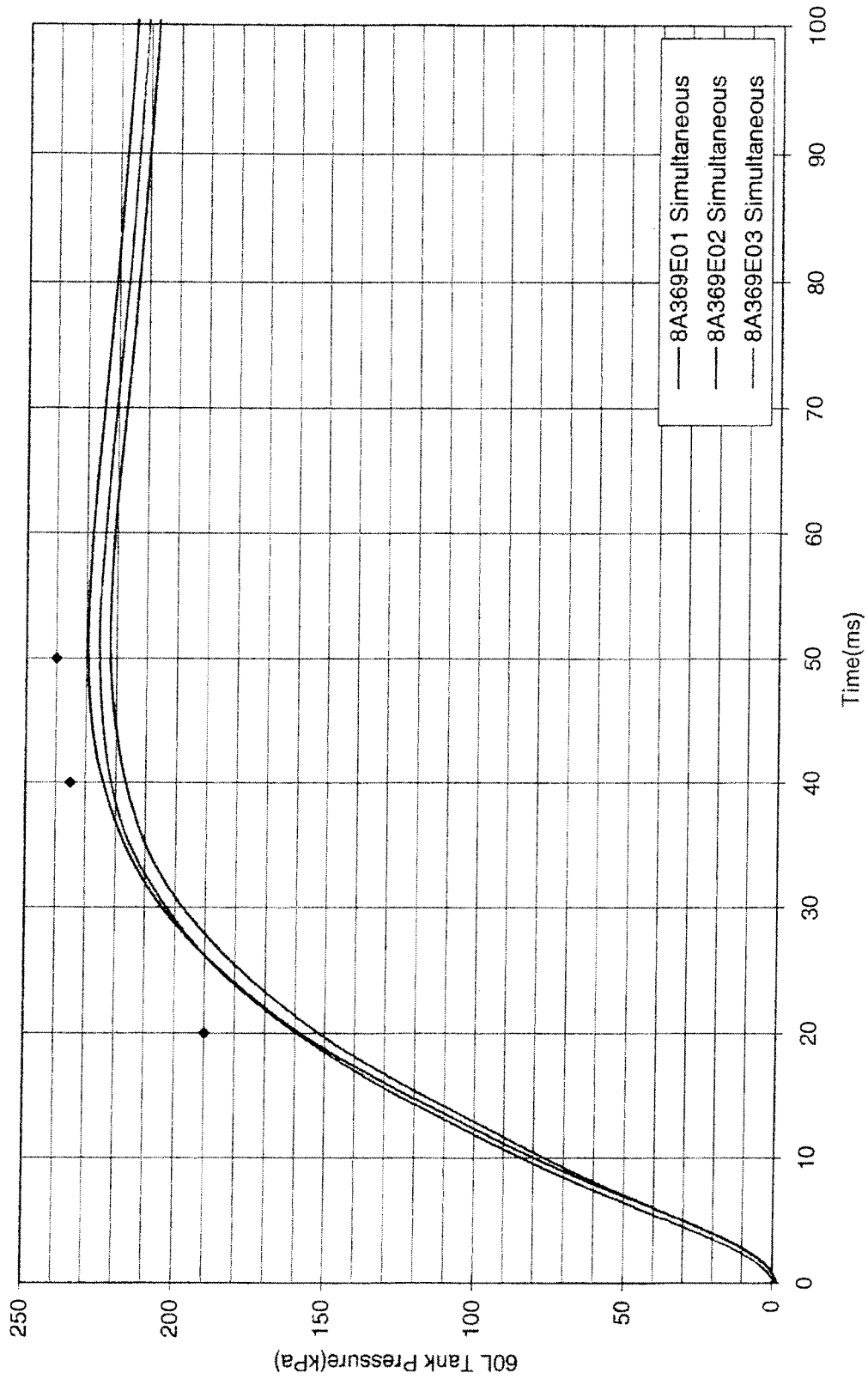
Corrected chart and data for
8A369 Group D.

Drop Test Group 10
EAR 8A369 Group D

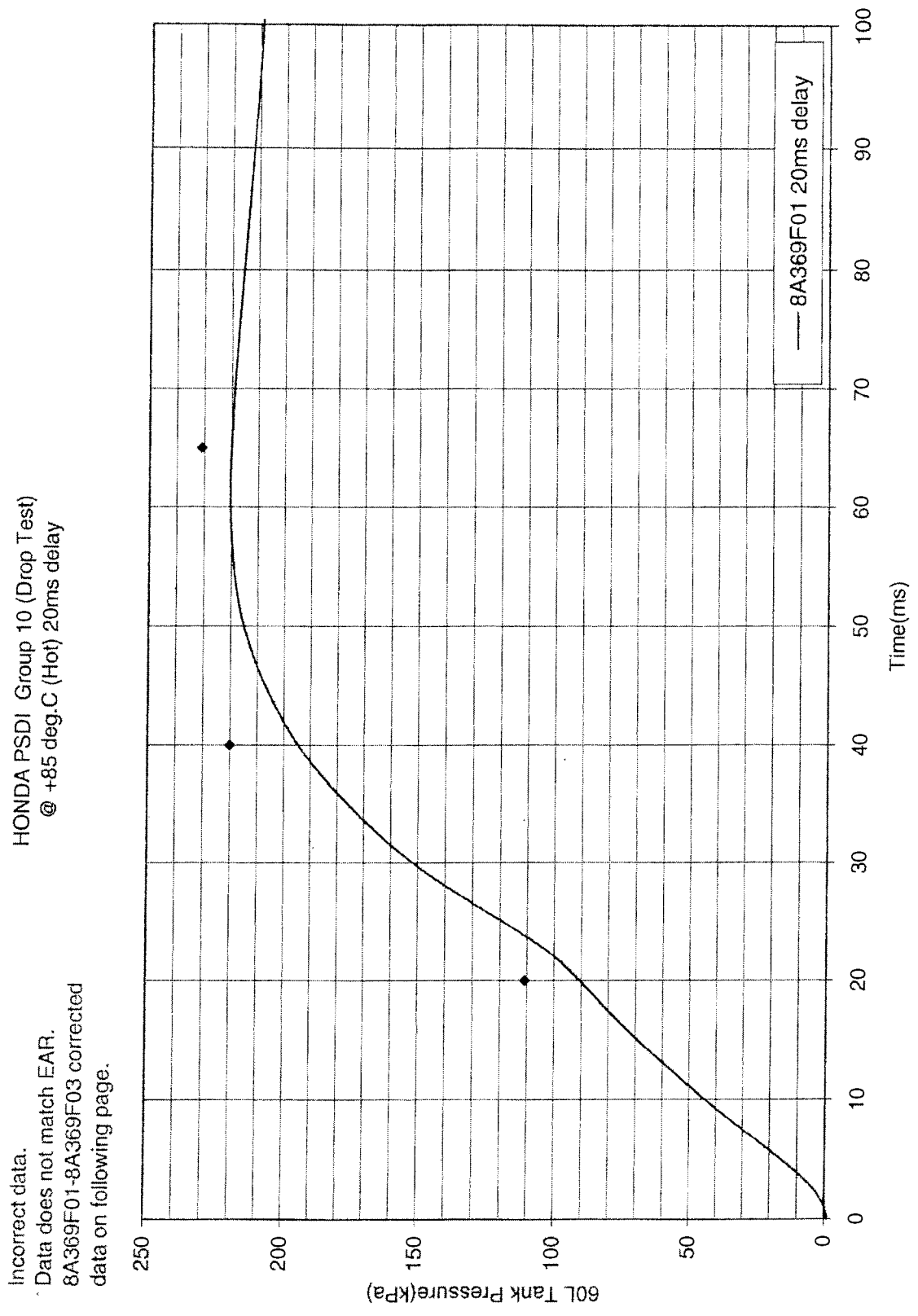


Original chart and data for
8A369 Group E correct.

HONDA PSDI Group 10 (Drop Test)
@ +85 deg.C (Hot) Simultaneously



Incorrect data.
 Data does not match EAR.
 8A369F01-8A369F03 corrected
 data on following page.



Corrected chart and data for
8A369 Group F.

Drop Test Group 10
EAR 8A369 Group F

