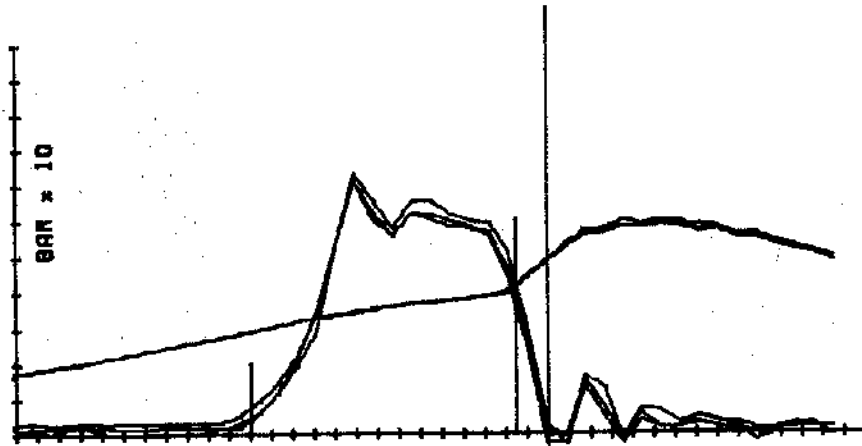
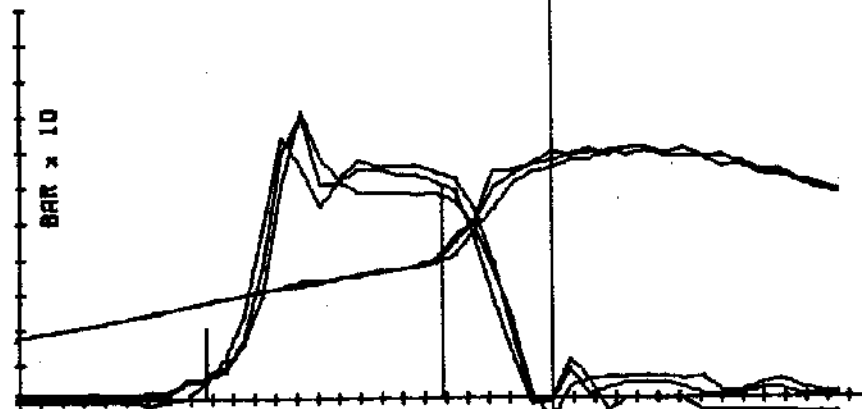


8. APPENDICES

8.1. Engine Results Curves



AVERAGE
 TORQUE : 37
 R.P.M. : 2034
 START OF
 INJN. : 13.9
 COMBN. : 1.4
 DELAY
 DEGREES : 12.5
 MS : 1.025
 MAXIMUM
 PRESSURE: 59
 RATE : 5.6
 TEMPERATURES
 AIR INLET: 32
 EXHAUST : 197



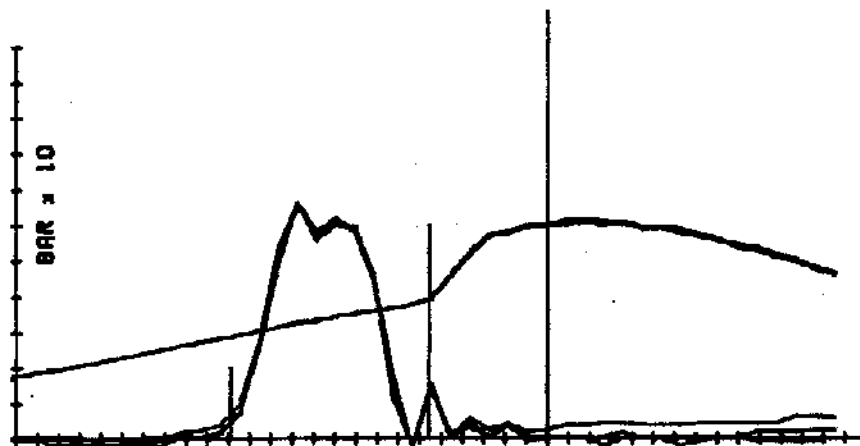
AVERAGE
 TORQUE : 69
 R.P.M. : 2028
 START OF
 INJN. : 18.2
 COMBN. : 5.1
 DELAY
 DEGREES : 11.1
 MS : .912
 MAXIMUM
 PRESSURE: 70.4
 RATE : 9.3
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 285



AVERAGE
 TORQUE : 140
 R.P.M. : 2008
 START OF
 INJN. : 20.7
 COMBN. : 9.1
 DELAY
 DEGREES : 11.6
 MS : .856
 MAXIMUM
 PRESSURE: 90.5
 RATE : 13.3
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 377

DEGREES T.D.C.

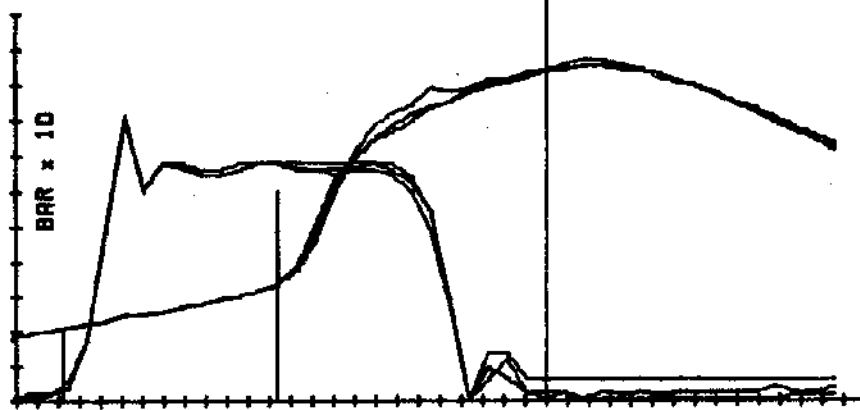
ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID0-0	DENSITY : .649
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	FIG AP1



AVERAGE
 TORQUE : 37
 R.P.M. : 1451
 START OF
 INJN. : 14.8
 COMBN. : 5.6
 DELAY
 DEGREES : 9.2
 mS : 1.067
 MAXIMUM
 PRESSURE: 61.4
 RATE : 8.7
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 154



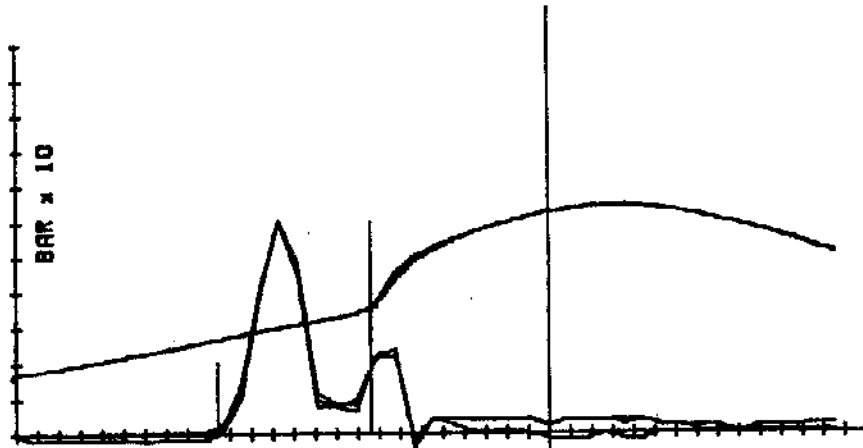
AVERAGE
 TORQUE : 89
 R.P.M. : 1458
 START OF
 INJN. : 17.7
 COMBN. : 8.3
 DELAY
 DEGREES : 9.4
 mS : 1.068
 MAXIMUM
 PRESSURE: 75.4
 RATE : 9.5
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 233



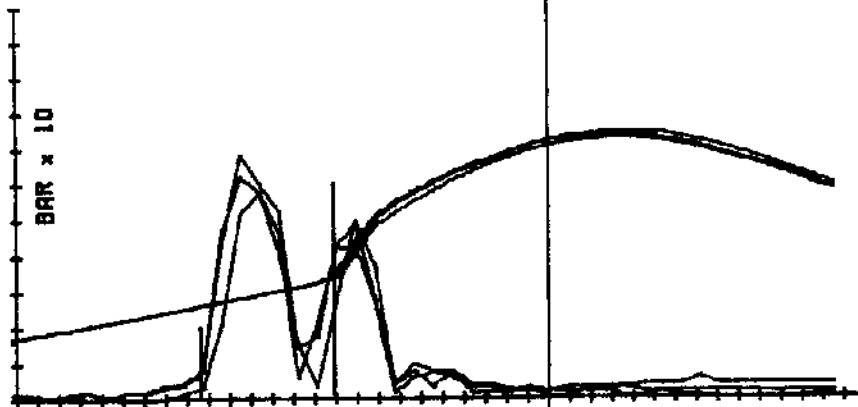
AVERAGE
 TORQUE : 148
 R.P.M. : 1452
 START OF
 INJN. : 22.8
 COMBN. : 12.6
 DELAY
 DEGREES : 10.2
 mS : 1.168
 MAXIMUM
 PRESSURE: 86.2
 RATE : 13.8
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 387

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID0-0	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP2	



AVERAGE
 TORQUE : 37
 R.P.M. : 817
 START OF
 INJN. : 15.5
 COMBN. : 6.4
 DELAY
 DEGREES : 7.1
 MS : 1.465
 MAXIMUM
 PRESSURE: 64.5
 RATE : 7.4
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 140



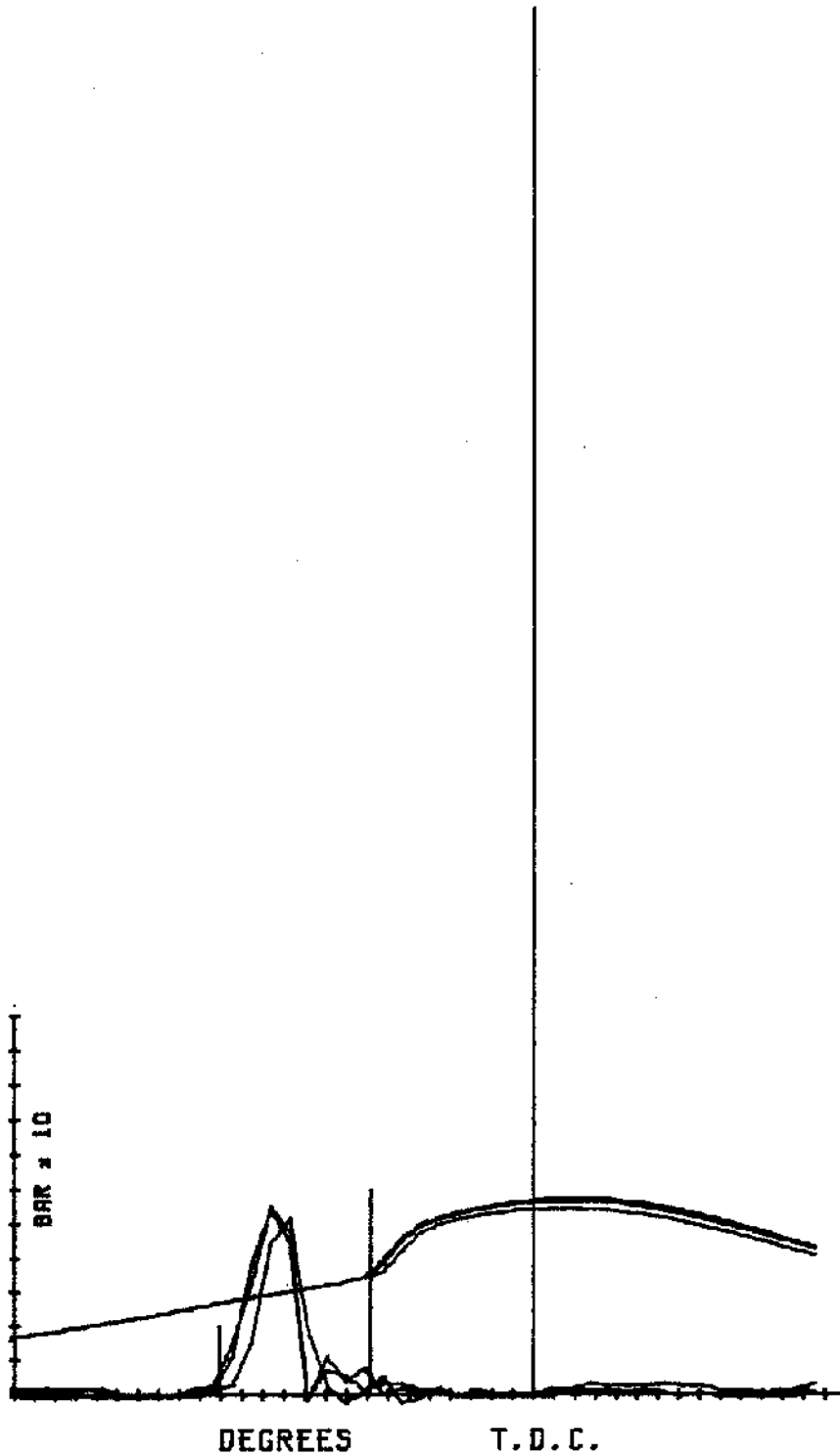
AVERAGE
 TORQUE : 69
 R.P.M. : 809
 START OF
 INJN. : 16.4
 COMBN. : 10.1
 DELAY
 DEGREES : 6.3
 MS : 1.298
 MAXIMUM
 PRESSURE: 73.4
 RATE : 8.2
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 196



AVERAGE
 TORQUE : 146
 R.P.M. : 843
 START OF
 INJN. : 16.4
 COMBN. : 10.1
 DELAY
 DEGREES : 6.3
 MS : 1.24
 MAXIMUM
 PRESSURE: 88
 RATE : 8.6
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 321

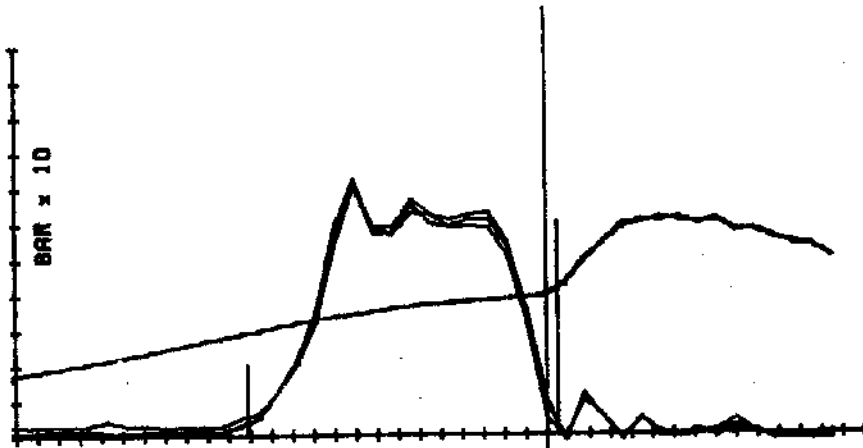
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2660	C.V. : 42.75
TEST ID. : UNIDO-0	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP3	



AVERAGE
TORQUE : 3
R.P.M. : 820
START OF
INJN. : 15.1
COMB. : 7.8
DELAY
DEGREES : 7.3
s : 1.471
MAXIMUM
PRESSURE: 55.8
RATE : 8.3
TEMPERATURES
AIR INLET: 28
EXHAUST : 84

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID0-0	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP4	



AVERAGE
 TORQUE : 35
 R.P.M. : 2020
 START OF
 INJN. : 14.1
 COMBN. : -.5
 DELAY
 DEGREES : 14.6
 MS : 1.202
 MAXIMUM
 PRESSURE: 61.5
 RATE : 6.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 176



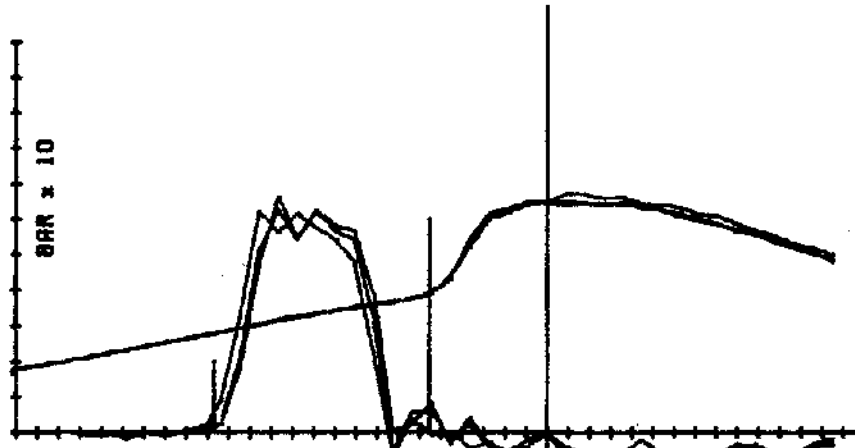
AVERAGE
 TORQUE : 88
 R.P.M. : 2042
 START OF
 INJN. : 18
 COMBN. : 2.8
 DELAY
 DEGREES : 13.2
 MS : 1.074
 MAXIMUM
 PRESSURE: 73.1
 RATE : 9.5
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 278



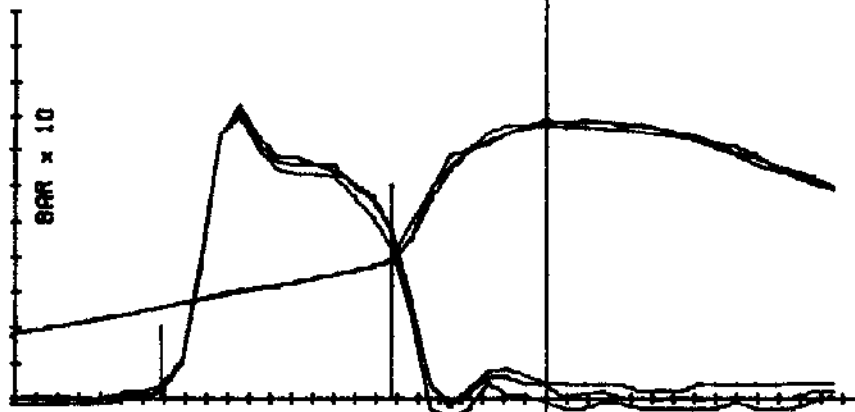
AVERAGE
 TORQUE : 136
 R.P.M. : 2011
 START OF
 INJN. : 20.1
 COMBN. : 7.3
 DELAY
 DEGREES : 12.8
 MS : 1.063
 MAXIMUM
 PRESSURE: 92.7
 RATE : 17.6
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 356

DEGREES T.D.C.

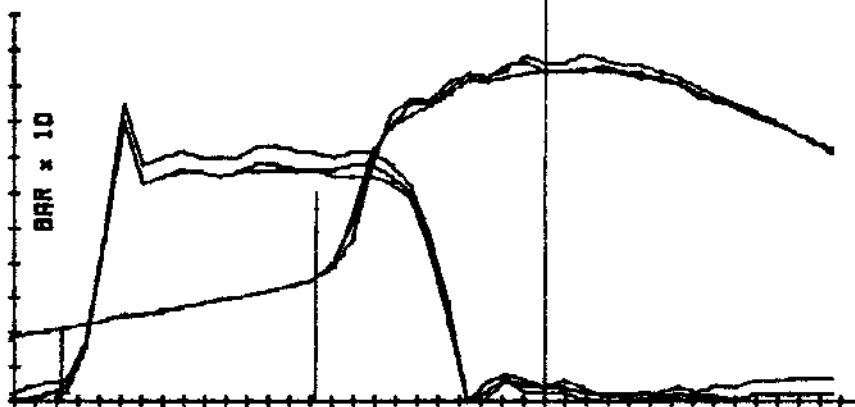
ENGINE : FORD 3000	FUEL ID : E20
CAPACITY : 2860	C.V. : 38
TEST ID. : UNIDC-1	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP5	



AVERAGE
 TORQUE : 39
 R.P.M. : 1436
 START OF
 INJN. : 15.6
 COMBN. : 5.5
 DELAY
 DEGREES : 10.1
 ΔS : 1.178
 MAXIMUM
 PRESSURE: 65.3
 RATE : 9.1
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 155



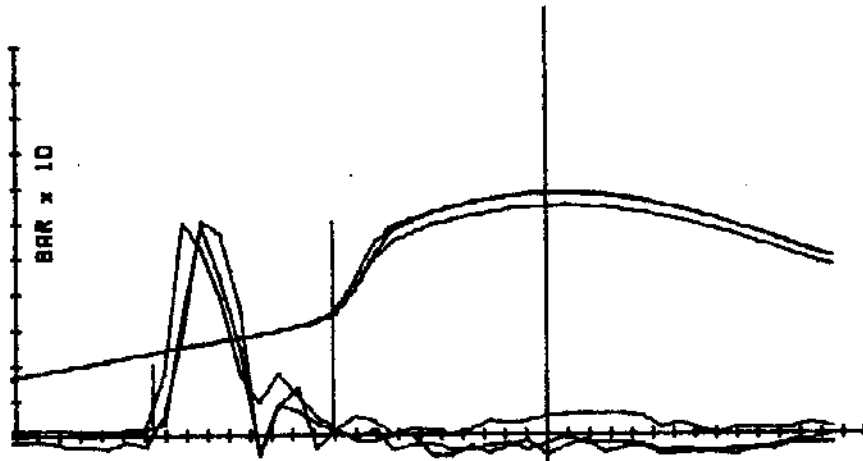
AVERAGE
 TORQUE : 69
 R.P.M. : 1444
 START OF
 INJN. : 18.1
 COMBN. : 7.3
 DELAY
 DEGREES : 10.8
 ΔS : 1.25
 MAXIMUM
 PRESSURE: 78.8
 RATE : 12.4
 TEMPERATURES
 AIR INLET: 32
 EXHAUST : 230



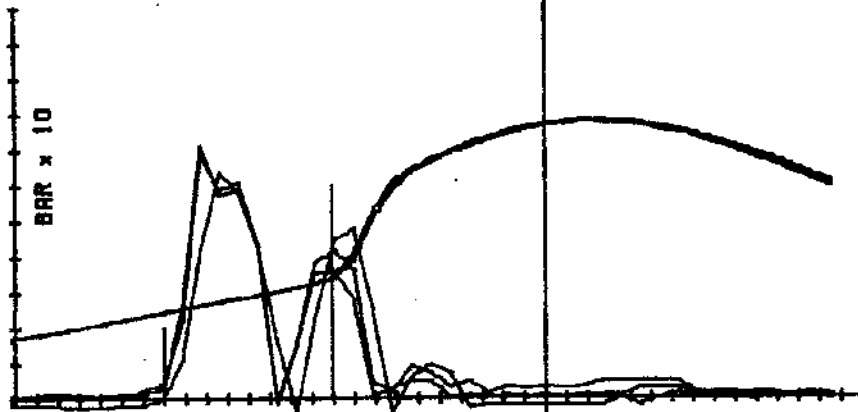
AVERAGE
 TORQUE : 146
 R.P.M. : 1450
 START OF
 INJN. : 22.6
 COMBN. : 10.7
 DELAY
 DEGREES : 12.1
 ΔS : 1.363
 MAXIMUM
 PRESSURE: 97.1
 RATE : 20
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 371

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : E20
CAPACITY : 2860	C.V. : 38
TEST ID. : UN100-1	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP6	



AVERAGE
 TORQUE : 38
 R.P.M. : 824
 START OF
 INJN. : 18.6
 COMBN. : 10.1
 DELAY
 DEGREES : 8.5
 MS : 1.723
 MAXIMUM
 PRESSURE: 87
 RATE : 9.7
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 135



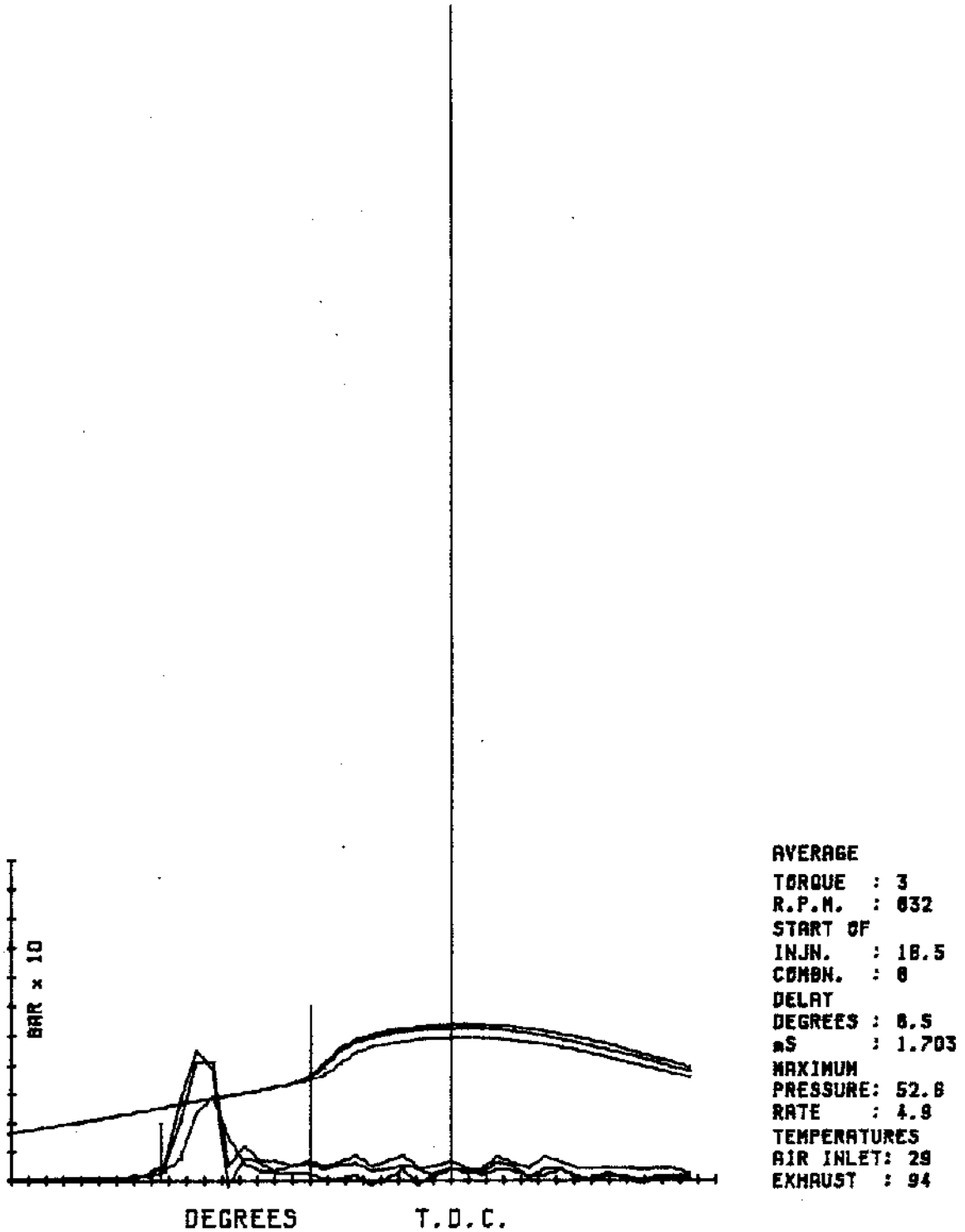
AVERAGE
 TORQUE : 92
 R.P.M. : 824
 START OF
 INJN. : 18
 COMBN. : 10
 DELAY
 DEGREES : 8
 MS : 1.6
 MAXIMUM
 PRESSURE: 77.9
 RATE : 10.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 199



AVERAGE
 TORQUE : 146
 R.P.M. : 848
 START OF
 INJN. : 18.2
 COMBN. : 10.1
 DELAY
 DEGREES : 8.1
 MS : 1.581
 MAXIMUM
 PRESSURE: 89.8
 RATE : 12.1
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 312

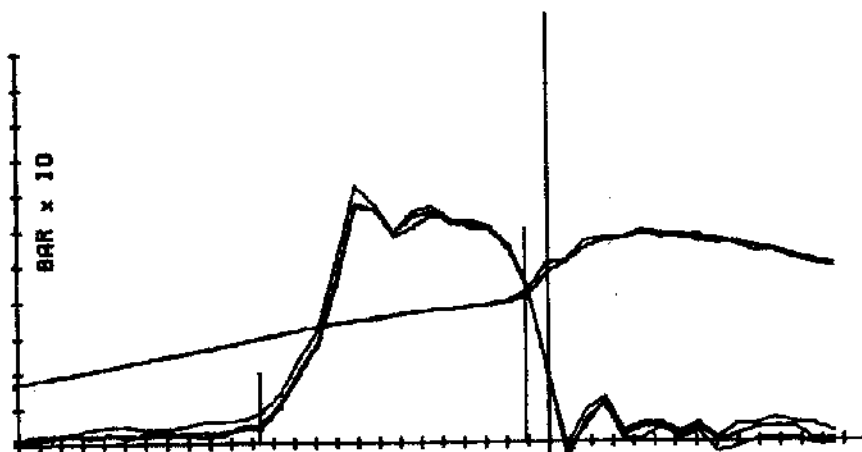
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : E20
CAPACITY : 2860	C.V. : 38
TEST ID. : UNIDC-1	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP7	

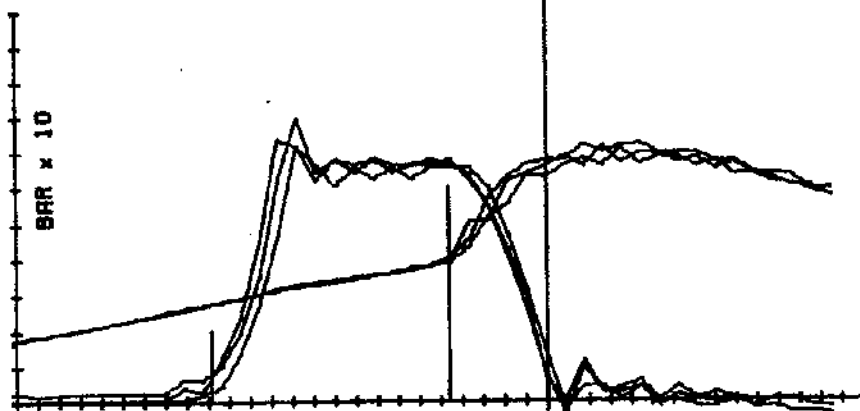


AVERAGE
 TORQUE : 3
 R.P.M. : 632
 START OF
 INJN. : 18.5
 COMBN. : 8
 DELAY
 DEGREES : 8.5
 μS : 1.703
MAXIMUM
 PRESSURE: 52.8
 RATE : 4.8
TEMPERATURES
 AIR INLET: 29
 EXHAUST : 94

ENGINE : FORD 3000	FUEL ID : E20
CAPACITY : 2860	C.V. : 36
TEST ID. : UN100-1	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP8	



AVERAGE
 TORQUE : 35
 R.P.M. : 2028
 START OF
 INJN. : 13.8
 COMBN. : 1.1
 DELAY
 DEGREES : 12.5
 MS : 1.03
 MAXIMUM
 PRESSURE: 58.8
 RATE : 8.9
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 181



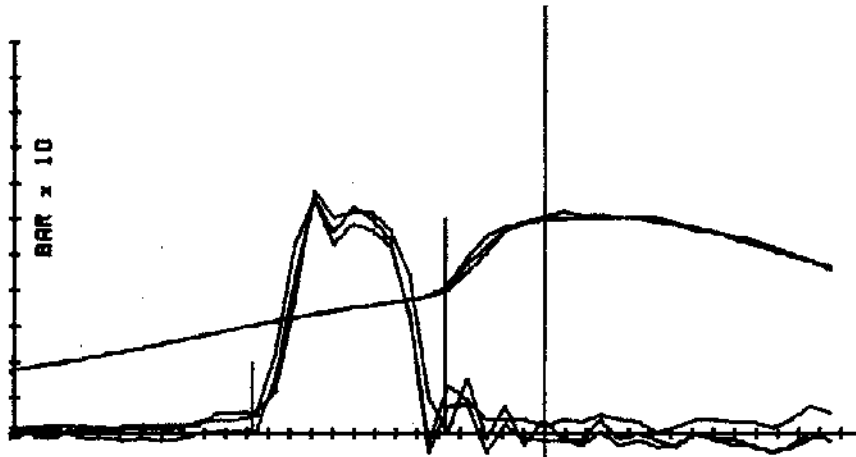
AVERAGE
 TORQUE : 89
 R.P.M. : 2084
 START OF
 INJN. : 15.8
 COMBN. : 4.6
 DELAY
 DEGREES : 11.2
 MS : .902
 MAXIMUM
 PRESSURE: 71.1
 RATE : 9.4
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 277



AVERAGE
 TORQUE : 133
 R.P.M. : 2056
 START OF
 INJN. : 20.4
 COMBN. : 8.2
 DELAY
 DEGREES : 12.2
 MS : .986
 MAXIMUM
 PRESSURE: 69.6
 RATE : 14.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 384

DEGREES T.D.C.

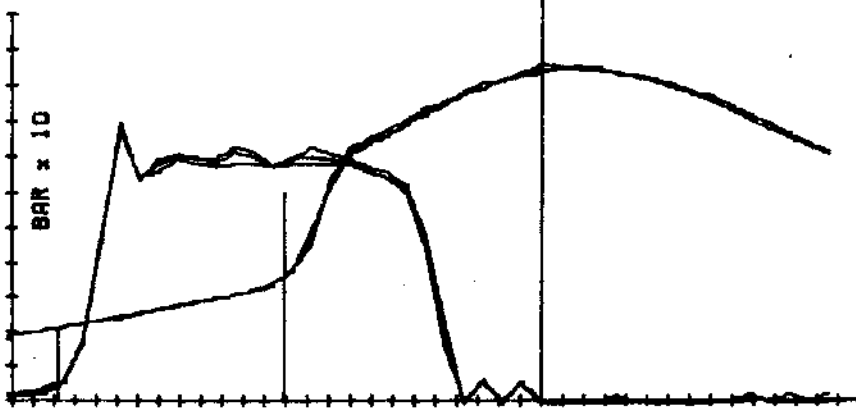
ENGINE : FORD 3000	FUEL ID : E20/2.6TEGDN.
CAPACITY : 2860	C.V. : 38.42
TEST ID. : UN100-2	DENSITY : .847
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	FIG AP9



AVERAGE
 TORQUE : 35
 R.P.M. : 1436
 START OF
 INJN. : 13.7
 COMBN. : 4.7
 DELAY
 DEGREES : 9
 MS : 1.049
 MAXIMUM
 PRESSURE: 61.1
 RATE : 6.6
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 153



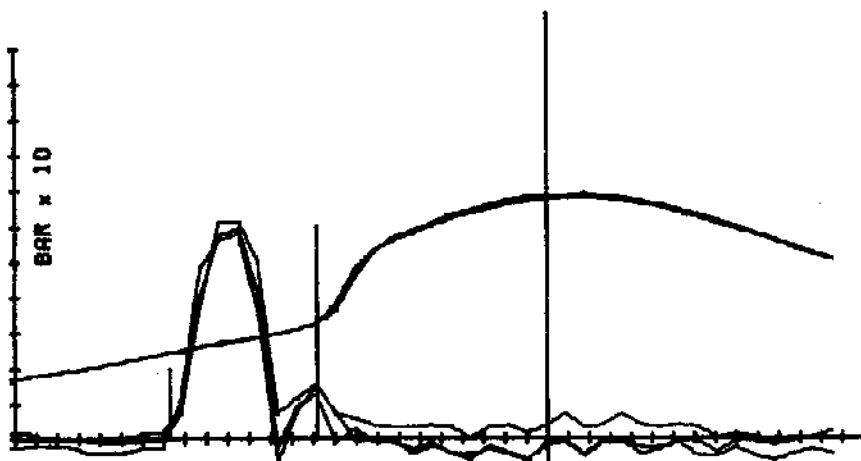
AVERAGE
 TORQUE : 88
 R.P.M. : 1443
 START OF
 INJN. : 17.8
 COMBN. : 8.4
 DELAY
 DEGREES : 9.4
 MS : 1.084
 MAXIMUM
 PRESSURE: 77.2
 RATE : 10.6
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 226



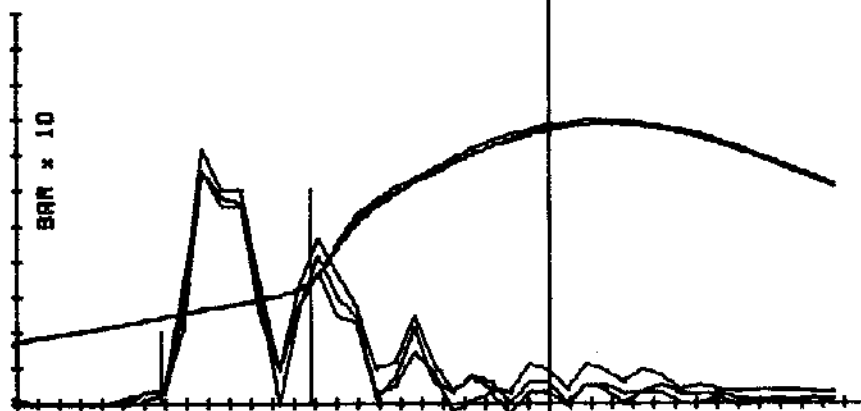
AVERAGE
 TORQUE : 144
 R.P.M. : 1444
 START OF
 INJN. : 22.8
 COMBN. : 12.1
 DELAY
 DEGREES : 10.7
 MS : 1.241
 MAXIMUM
 PRESSURE: 85.5
 RATE : 18
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 375

DEGREES T.D.C.

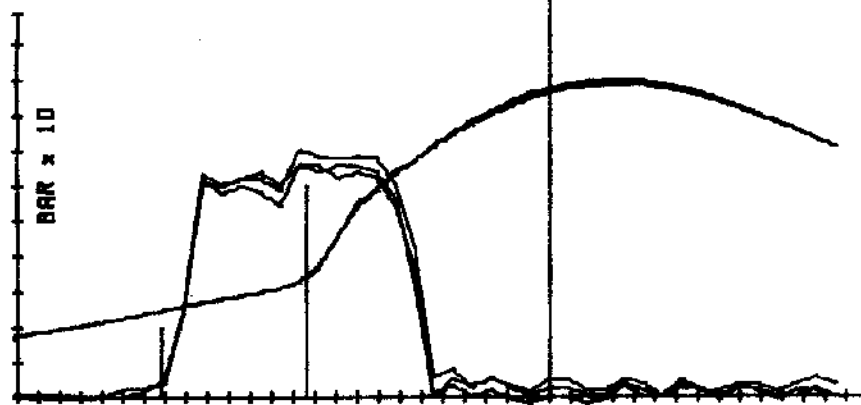
ENGINE : FORD 3000	FUEL ID : E20/2.6TEGDN
CAPACITY : 2860	C.V. : 38.42
TEST ID. : UNID0-2	DENSITY : .847
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP10	



AVERAGE
 TORQUE : 37
 R.P.M. : 848
 START OF
 INJN. : 17.7
 COMBN. : 10.8
 DELAY
 DEGREES : 8.9
 mS : 1.35
 MAXIMUM
 PRESSURE: 86.3
 RATE : 9.6
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 136



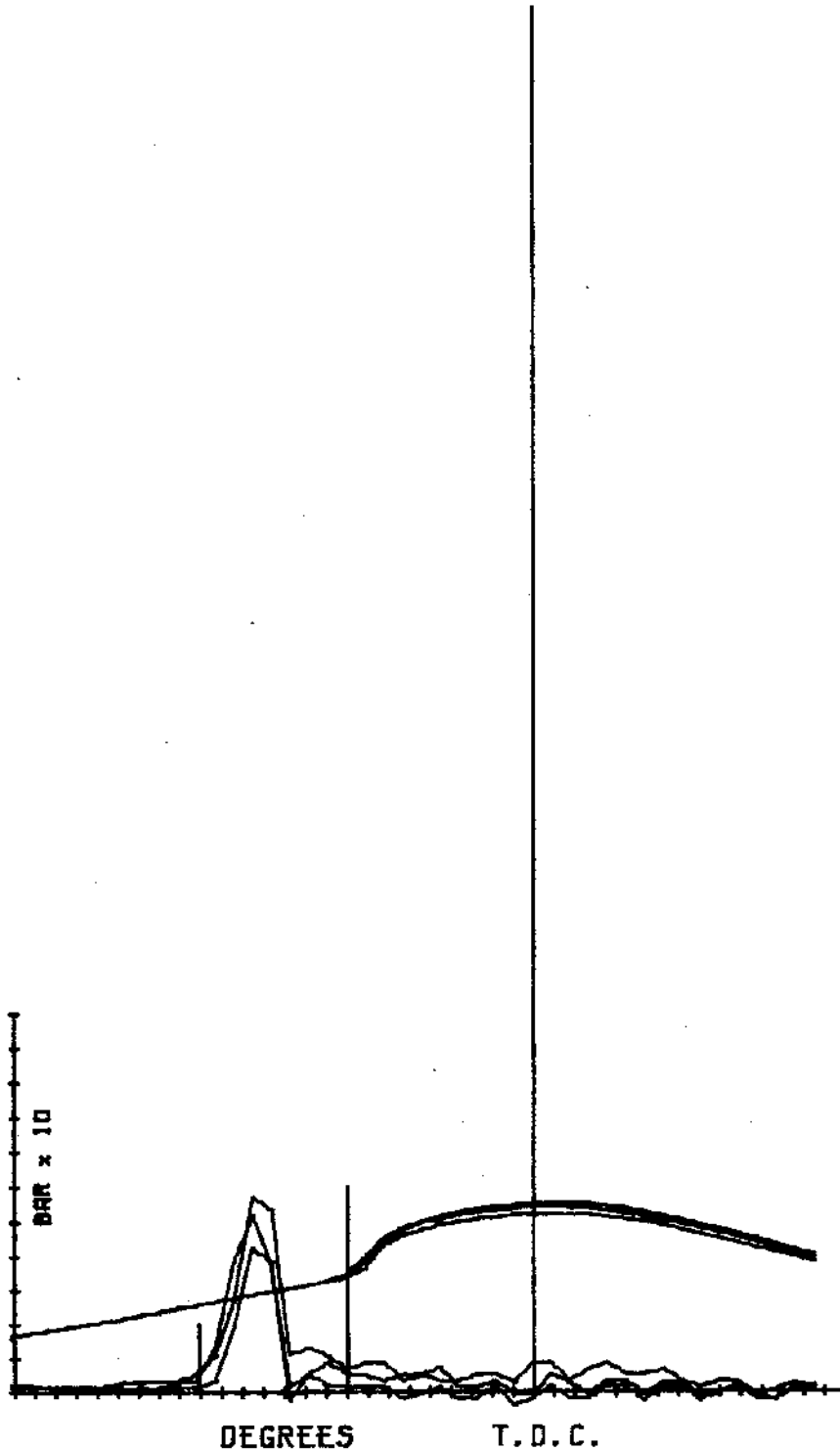
AVERAGE
 TORQUE : 90
 R.P.M. : 822
 START OF
 INJN. : 18.2
 COMBN. : 11.2
 DELAY
 DEGREES : 7
 mS : 1.426
 MAXIMUM
 PRESSURE: 78.9
 RATE : 8.6
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 205



AVERAGE
 TORQUE : 145
 R.P.M. : 836
 START OF
 INJN. : 18.2
 COMBN. : 11.4
 DELAY
 DEGREES : 8.8
 mS : 1.352
 MAXIMUM
 PRESSURE: 89.3
 RATE : 9.2
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 314

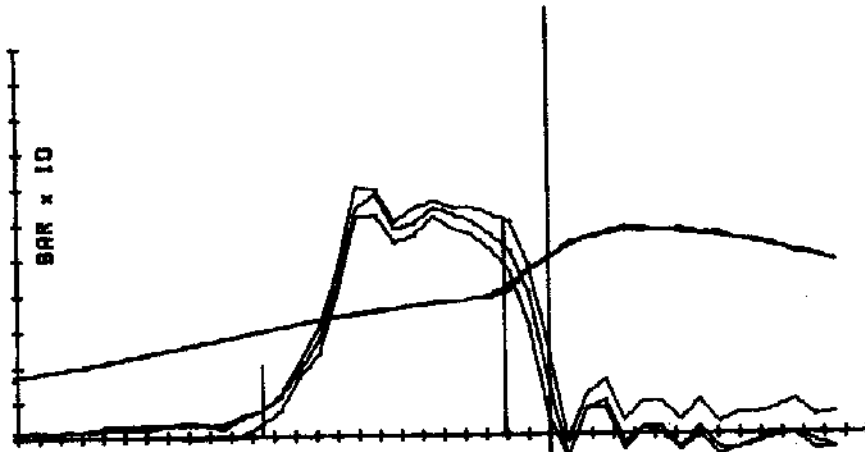
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : E20/2.6TEGDN
CAPACITY : 2660	C.V. : 38.42
TEST ID. : UNID0-2	DENSITY : .847
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP11	

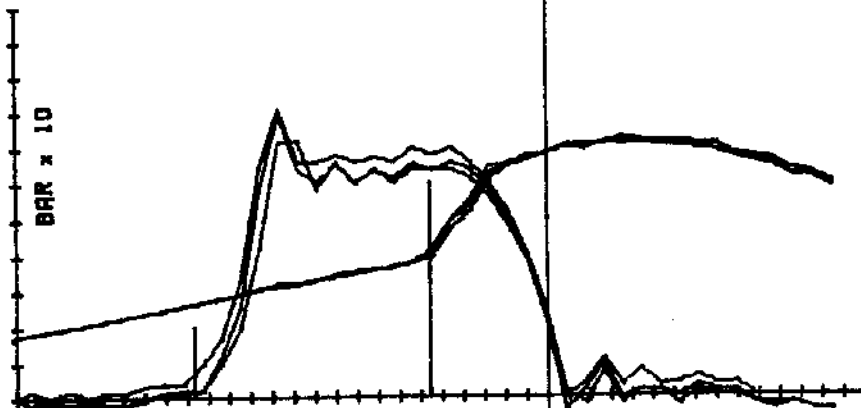


AVERAGE
TORQUE : 3
R.P.M. : 829
START OF
INJN. : 18.1
COMBN. : 8
DELAY
DEGREES : 7.1
MS : 1.424
MAXIMUM
PRESSURE: 54.4
RATE : 8.1
TEMPERATURES
AIR INLET: 28
EXHAUST : 100

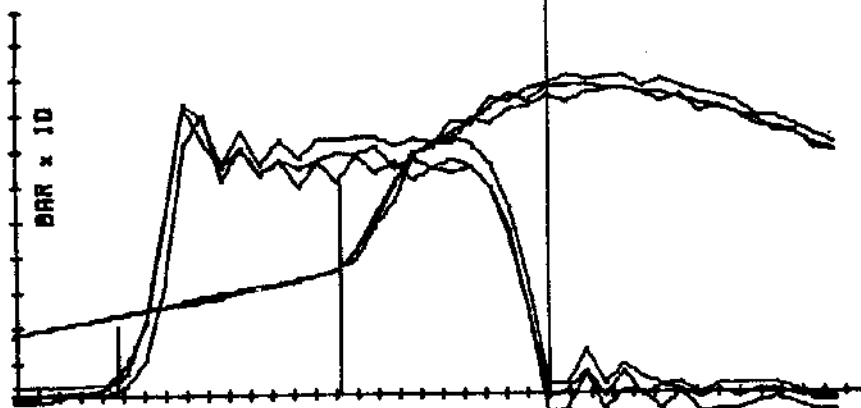
ENGINE : FORD 3000	FUEL ID : E20/2.6TEGDN
CAPACITY : 2860	C.V. : 38.42
TEST ID. : UNID0-2	DENSITY : .847
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP12	



AVERAGE
 TORQUE : 34
 R.P.M. : 2028
 START OF
 INJN. : 13.5
 COMBN. : 2.1
 DELAY
 DEGREES : 11.4
 MS : .938
 MAXIMUM
 PRESSURE: 58.1
 RATE : 5.3
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 180



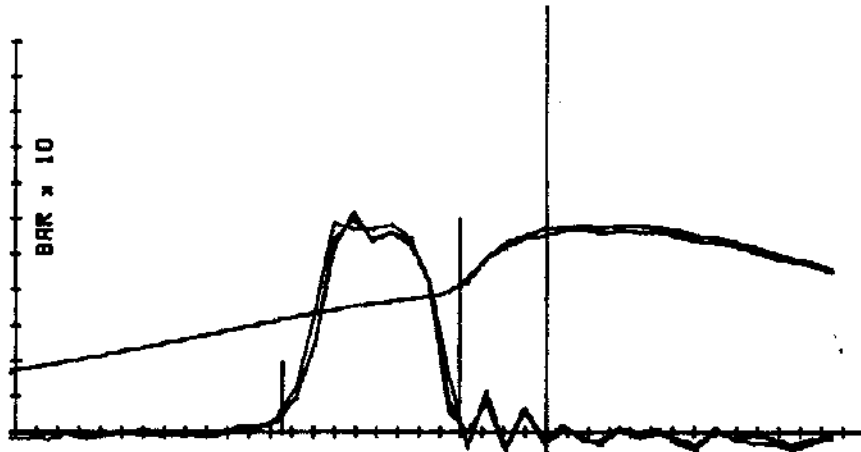
AVERAGE
 TORQUE : 90
 R.P.M. : 2100
 START OF
 INJN. : 16.6
 COMBN. : 5.5
 DELAY
 DEGREES : 11.1
 MS : .868
 MAXIMUM
 PRESSURE: 72.2
 RATE : 8.9
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 285



AVERAGE
 TORQUE : 136
 R.P.M. : 2015
 START OF
 INJN. : 20.3
 COMBN. : 9.8
 DELAY
 DEGREES : 10.5
 MS : .866
 MAXIMUM
 PRESSURE: 86.8
 RATE : 11.5
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 393

DEGREES T.D.C.

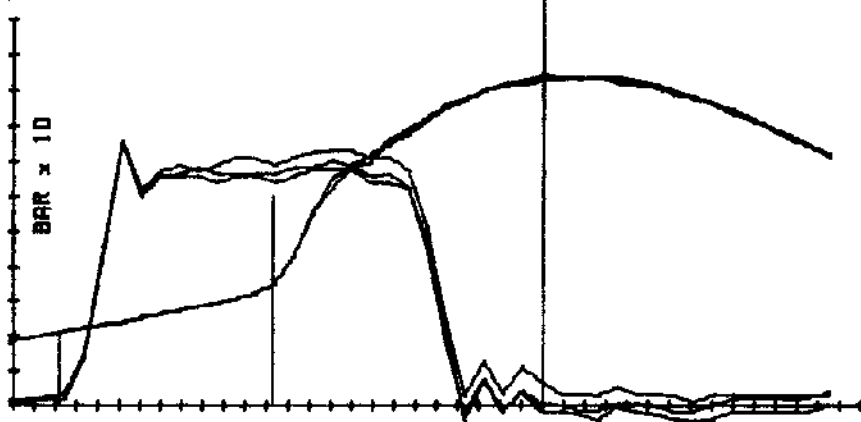
ENGINE : FORD 3000	FUEL ID : E20/5.2TEGDN
CAPACITY : 2860	C.V. : 38.29
TEST ID. : UNIDC-4	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP13	



AVERAGE
 TORQUE : 35
 R.P.M. : 1430
 START OF
 INJN. : 12.4
 COMBN. : 4
 DELAY
 DEGREES : 0.4
 MS : .97
 MAXIMUM
 PRESSURE: 58.1
 RATE : 5.7
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 152



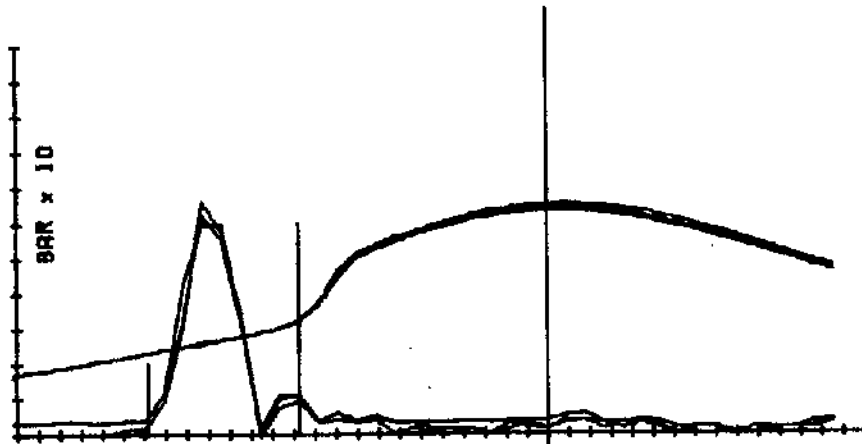
AVERAGE
 TORQUE : 89
 R.P.M. : 1443
 START OF
 INJN. : 18.1
 COMBN. : 8.2
 DELAY
 DEGREES : 0.9
 MS : 1.032
 MAXIMUM
 PRESSURE: 77.3
 RATE : 8.8
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 231



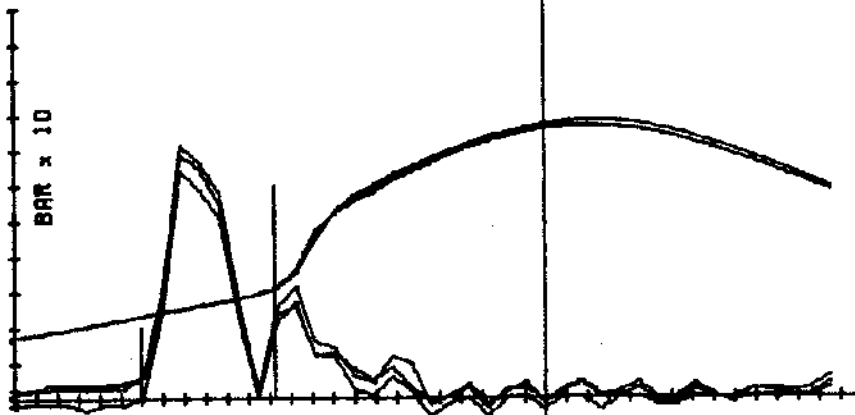
AVERAGE
 TORQUE : 148
 R.P.M. : 1437
 START OF
 INJN. : 22.8
 COMBN. : 12.7
 DELAY
 DEGREES : 10.1
 MS : 1.169
 MAXIMUM
 PRESSURE: 94.4
 RATE : 12.3
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 377

DEGREES T.D.C.

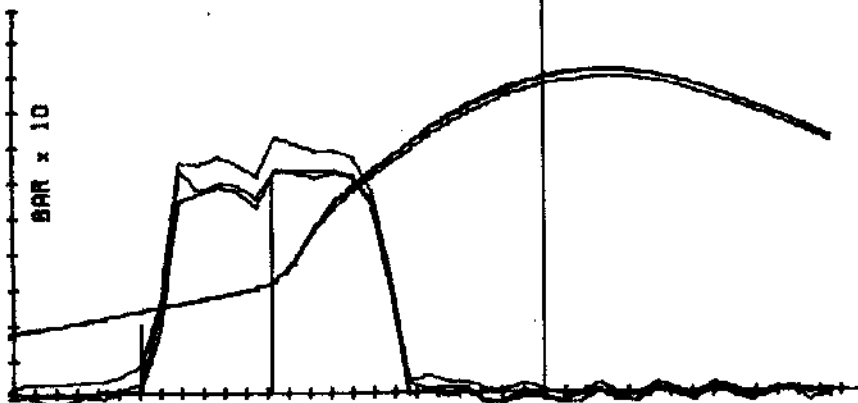
ENGINE : FORD 3000	FUEL ID : E20/S.2TEGDN
CAPACITY : 2860	C.V. : 38.29
TEST ID. : UNIDC-4	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP14	



AVERAGE
 TORQUE : 37
 R.P.M. : 825
 START OF
 INJN. : 18.8
 COMBN. : 11.7
 DELAY
 DEGREES : 7.1
 MS : 1.433
 MAXIMUM
 PRESSURE: 65
 RATE : 8.5
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 133



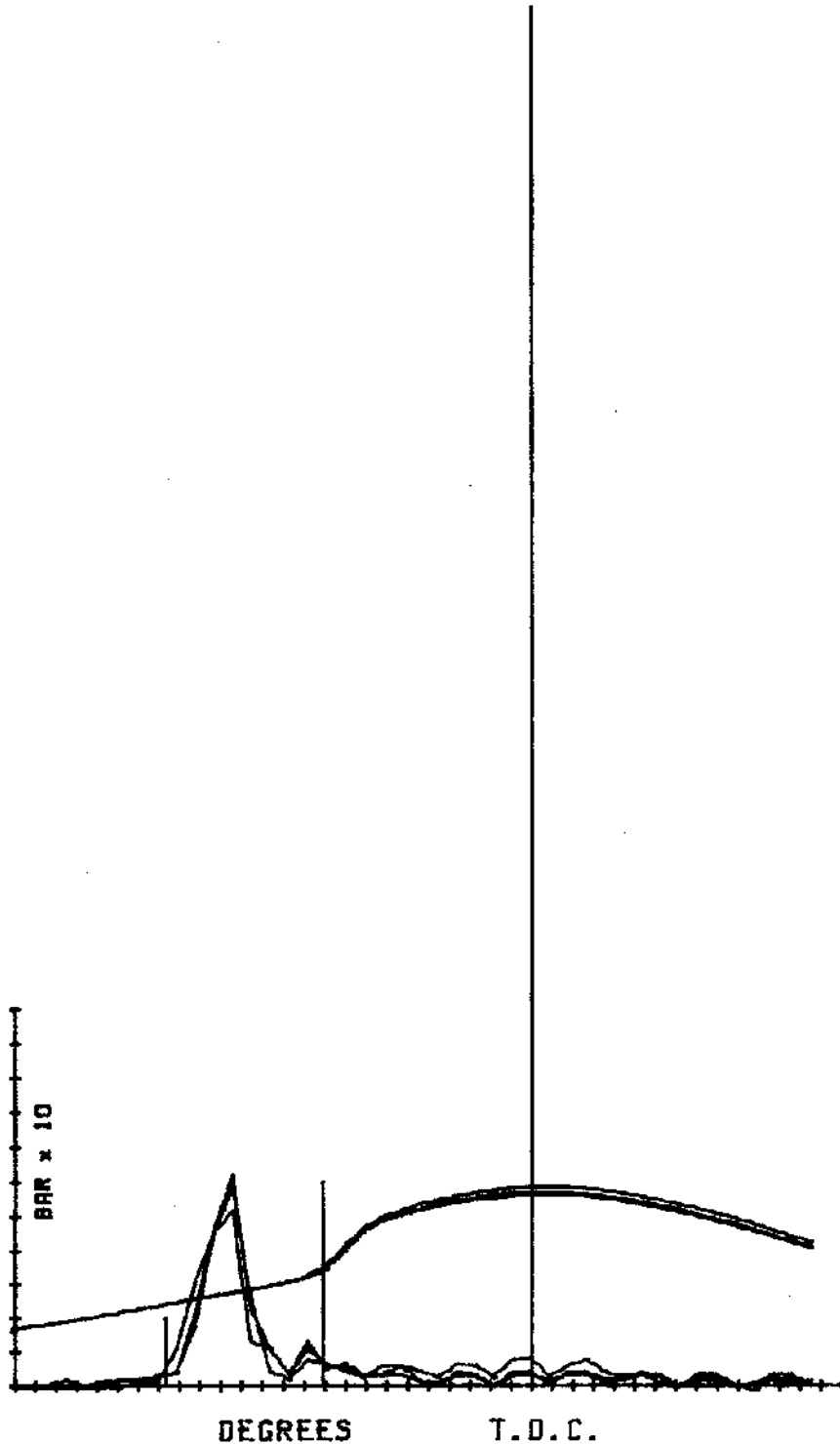
AVERAGE
 TORQUE : 93
 R.P.M. : 829
 START OF
 INJN. : 19
 COMBN. : 12.7
 DELAY
 DEGREES : 6.3
 MS : 1.268
 MAXIMUM
 PRESSURE: 77.6
 RATE : 9.7
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 198



AVERAGE
 TORQUE : 147
 R.P.M. : 830
 START OF
 INJN. : 18.8
 COMBN. : 12.8
 DELAY
 DEGREES : 6.1
 MS : 1.24
 MAXIMUM
 PRESSURE: 90.8
 RATE : 9.5
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 315

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : E20/S.2TEGDN
CAPACITY : 2860	C.V. : 38.29
TEST ID. : UNIDO-4	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP15	



AVERAGE
TORQUE : 3
R.P.M. : 827
START OF
INJN. : 17.7
COMB. : 10.1
DELAY
DEGREES : 7.8
MS : 1.52
MAXIMUM
PRESSURE: 56.5
RATE : 5.7
TEMPERATURES
AIR INLET: 28
EXHAUST : 97

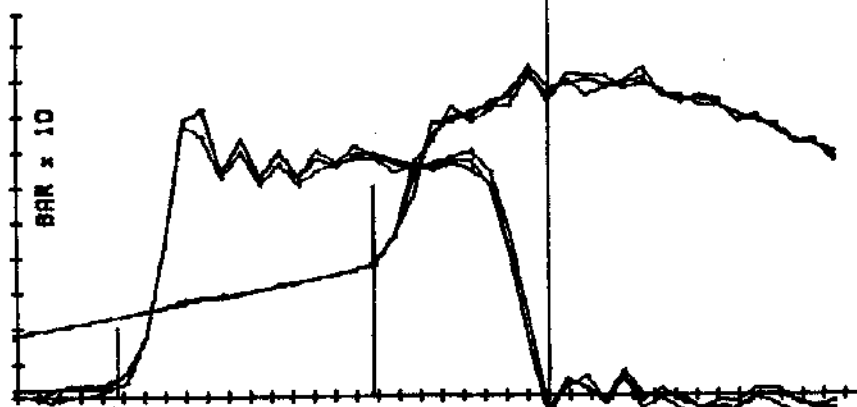
ENGINE : FORD 3000	FUEL ID : E20/5.2TEGDN
CAPACITY : 2860	C.V. : 38.29
TEST ID. : UNID0-4	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	FIG AP16



AVERAGE
 TORQUE : 38
 R.P.M. : 2017
 START OF
 INJN. : 13.7
 COMBN. : .5
 DELAY
 DEGREES : 13.2
 MS : 1.088
 MAXIMUM
 PRESSURE: 61.3
 RATE : 8.2
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 190



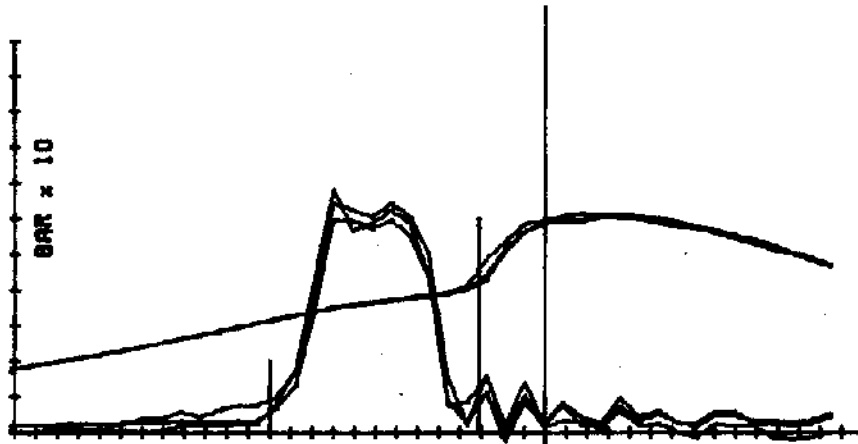
AVERAGE
 TORQUE : 67
 R.P.M. : 2017
 START OF
 INJN. : 15.6
 COMBN. : 3.7
 DELAY
 DEGREES : 11.9
 MS : .98
 MAXIMUM
 PRESSURE: 72.3
 RATE : 10.4
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 267



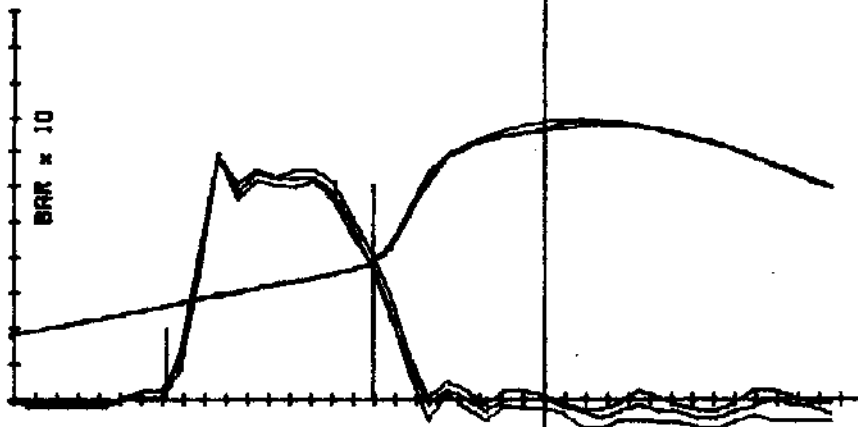
AVERAGE
 TORQUE : 138
 R.P.M. : 2017
 START OF
 INJN. : 20.3
 COMBN. : 8.2
 DELAY
 DEGREES : 12.1
 MS : .897
 MAXIMUM
 PRESSURE: 92.4
 RATE : 17.7
 TEMPERATURES
 AIR INLET: 34
 EXHAUST : 390

DEGREES T.D.C.

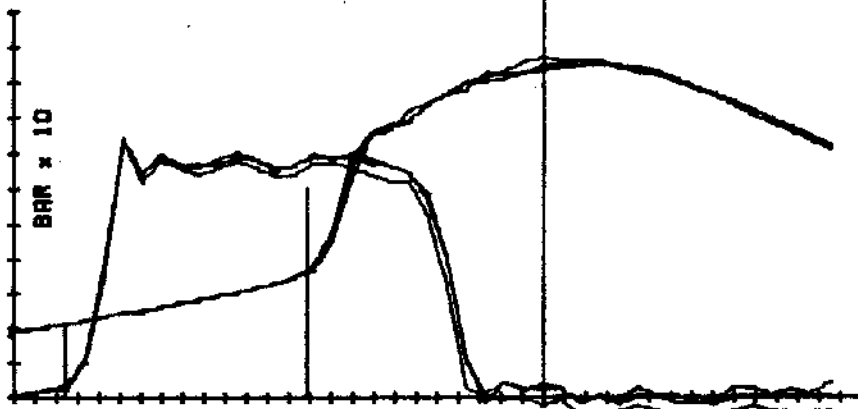
ENGINE : FORD 3000	FUEL ID : E20/.210N
CAPACITY : 2860	C.V. : 38
TEST ID. : UNID0-5	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP17	



AVERAGE
 TORQUE : 35
 R.P.M. : 1422
 START OF
 INJN. : 13
 COMBN. : 3.1
 DELAY
 DEGREES : 9.8
 mS : 1.155
 MAXIMUM
 PRESSURE: 61
 RATE : 7.7
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 151



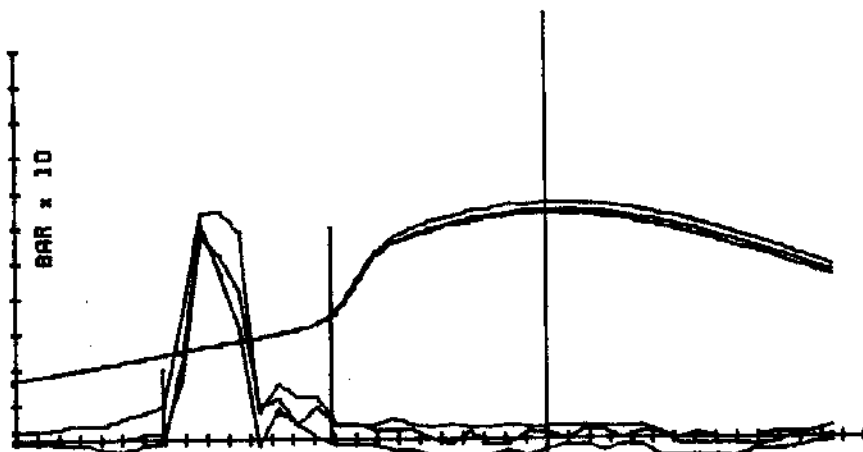
AVERAGE
 TORQUE : 68
 R.P.M. : 1436
 START OF
 INJN. : 17.8
 COMBN. : 6.1
 DELAY
 DEGREES : 9.7
 mS : 1.13
 MAXIMUM
 PRESSURE: 76.8
 RATE : 10.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 224



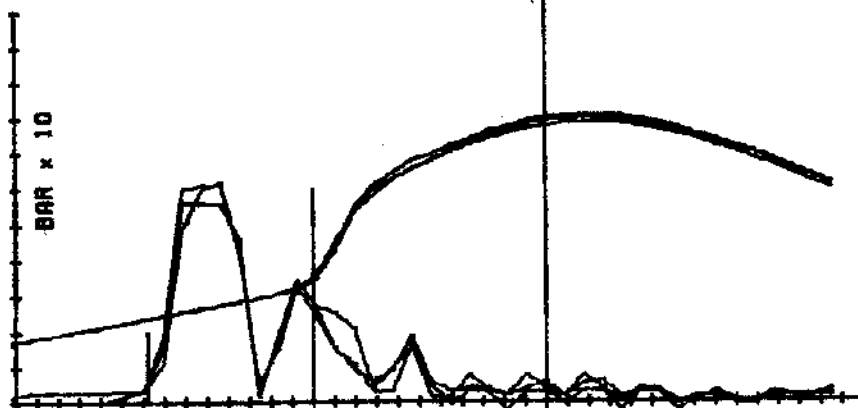
AVERAGE
 TORQUE : 147
 R.P.M. : 1458
 START OF
 INJN. : 22.6
 COMBN. : 11.1
 DELAY
 DEGREES : 11.5
 mS : 1.312
 MAXIMUM
 PRESSURE: 98.3
 RATE : 18.8
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 378

DEGREES T.D.C.

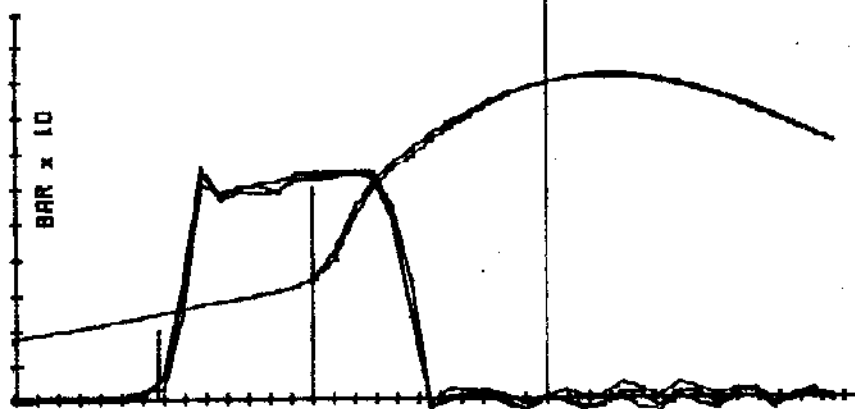
ENGINE : FORD 3000	FUEL ID : E20/.210N
CAPACITY : 2660	C.V. : 38
TEST ID. : UNID0-5	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP18	



AVERAGE
 TORQUE : 38
 R.P.M. : 827
 START OF
 INJN. : 18.1
 COMBN. : 10.1
 DELAY
 DEGREES : 8
 MS : 1.599
 MAXIMUM
 PRESSURE: 65.6
 RATE : 8.9
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 129



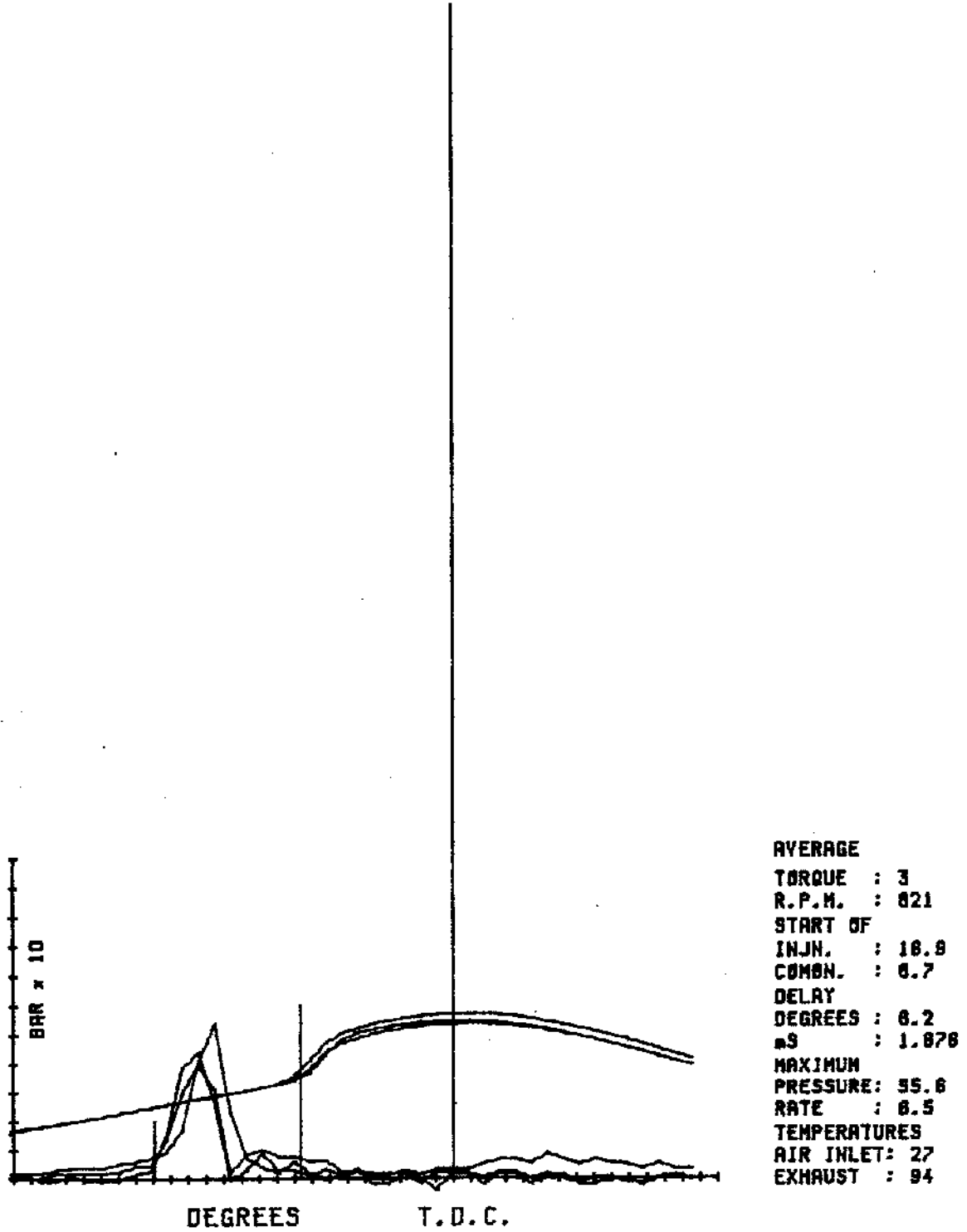
AVERAGE
 TORQUE : 93
 R.P.M. : 832
 START OF
 INJN. : 18.8
 COMBN. : 11
 DELAY
 DEGREES : 7.8
 MS : 1.565
 MAXIMUM
 PRESSURE: 79.5
 RATE : 10.3
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 201



AVERAGE
 TORQUE : 149
 R.P.M. : 838
 START OF
 INJN. : 18.3
 COMBN. : 11
 DELAY
 DEGREES : 7.3
 MS : 1.439
 MAXIMUM
 PRESSURE: 91.5
 RATE : 11
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 317

DEGREES T.D.C.

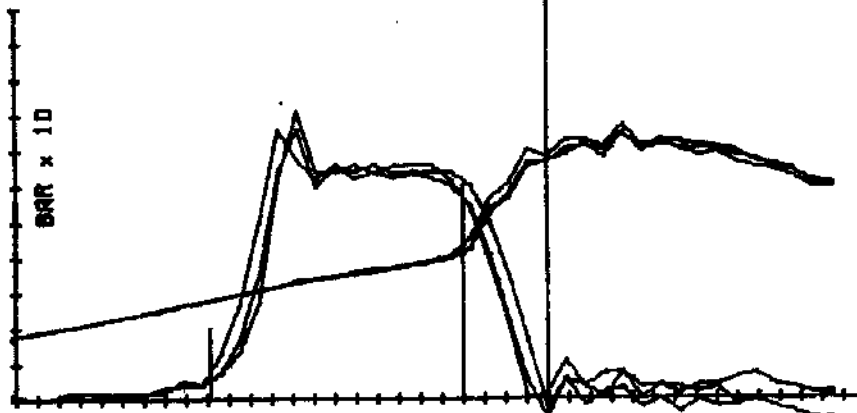
ENGINE : FORD 3000	FUEL ID : E20/.210N
CAPACITY : 2880	C.V. : 38
TEST ID. : UNID0-5	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP19	



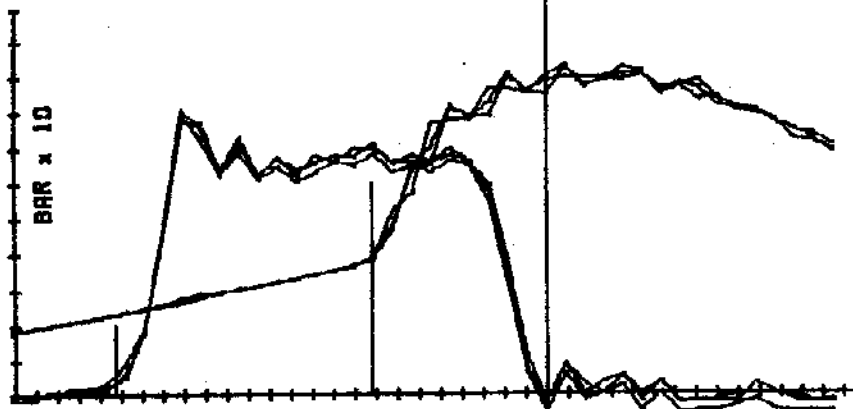
ENGINE : FORD 3000	FUEL ID : E20/.210N
CAPACITY : 2660	C.V. : 38
TEST ID. : UNID0-5	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP20	



AVERAGE
 TORQUE : 34
 R.P.M. : 2042
 START OF
 INJN. : 13.7
 COMBN. : 1.1
 DELAY
 DEGREES : 12.8
 MS : 1.028
 MAXIMUM
 PRESSURE: 80.5
 RATE : 8.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 187



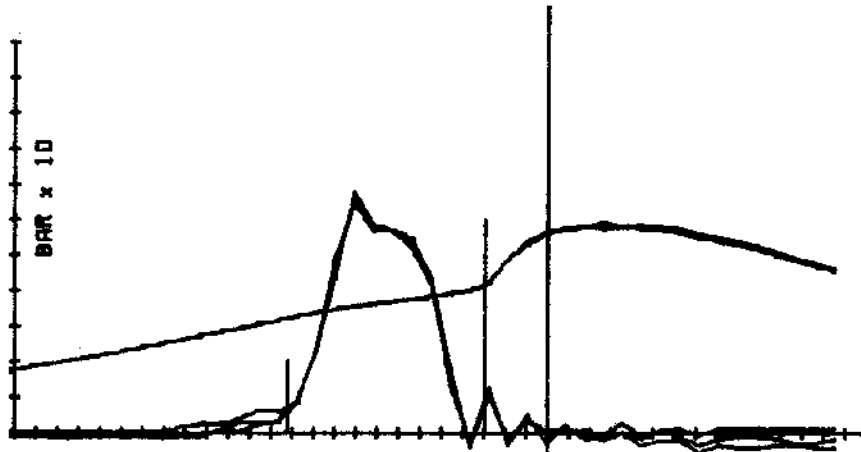
AVERAGE
 TORQUE : 69
 R.P.M. : 2041
 START OF
 INJN. : 15.8
 COMBN. : 4
 DELAY
 DEGREES : 11.8
 MS : .988
 MAXIMUM
 PRESSURE: 74.5
 RATE : 8.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 289



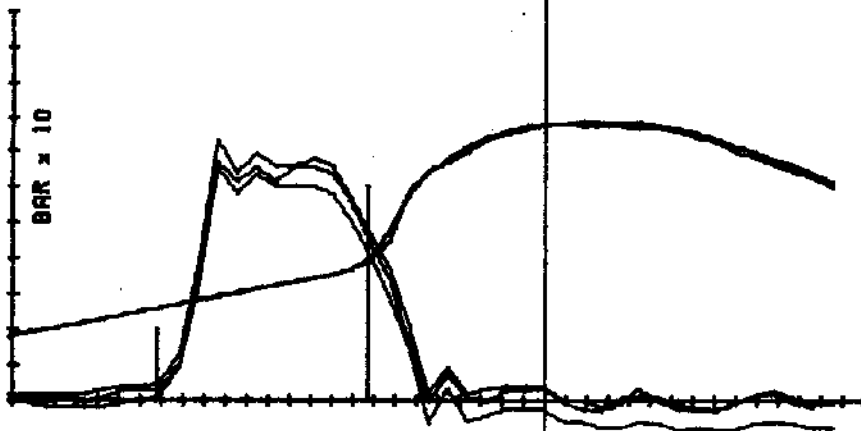
AVERAGE
 TORQUE : 138
 R.P.M. : 2015
 START OF
 INJN. : 20.3
 COMBN. : 8.2
 DELAY
 DEGREES : 12.1
 MS : .998
 MAXIMUM
 PRESSURE: 91.8
 RATE : 16.4
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 365

DEGREES T.D.C.

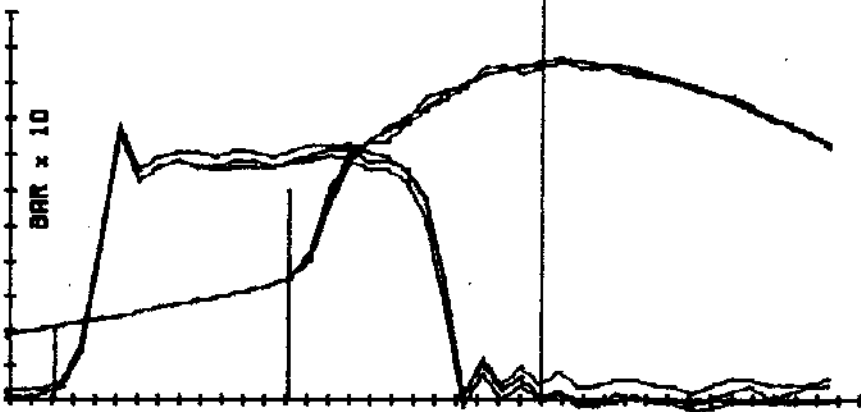
ENGINE : FORD 3000	FUEL ID : E20/.4ION
CAPACITY : 2880	C.V. : 38
TEST ID. : UNID0-6	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP21	



AVERAGE
 TORQUE : 35
 R.P.M. : 1438
 START OF
 INJN. : 12.2
 COMBN. : 2.9
 DELAY
 DEGREES : 9.3
 °S : 1.074
 MAXIMUM
 PRESSURE: 50.1
 RATE : 7
 TEMPERATURES
 AIR INLET: 20
 EXHAUST : 146



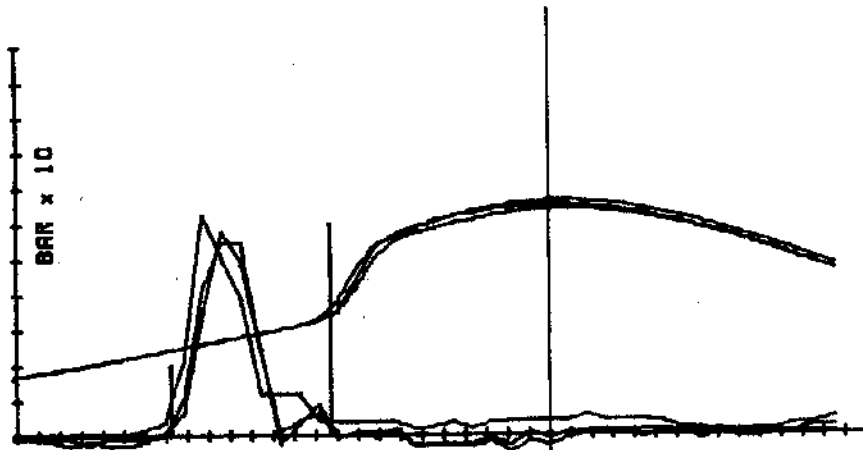
AVERAGE
 TORQUE : 90
 R.P.M. : 1443
 START OF
 INJN. : 18.2
 COMBN. : 8.3
 DELAY
 DEGREES : 9.9
 °S : 1.148
 MAXIMUM
 PRESSURE: 70.7
 RATE : 10.8
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 227



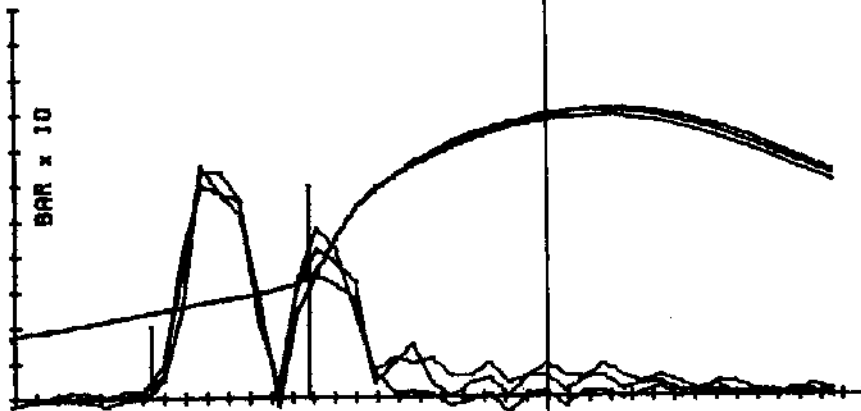
AVERAGE
 TORQUE : 148
 R.P.M. : 1437
 START OF
 INJN. : 22.9
 COMBN. : 11.9
 DELAY
 DEGREES : 11
 °S : 1.276
 MAXIMUM
 PRESSURE: 98.9
 RATE : 15.7
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 375

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : E20/.410N
CAPACITY : 2860	C.V. : 36
TEST ID. : UNIDC-6	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP22	



AVERAGE
 TORQUE : 37
 R.P.M. : 833
 START OF
 INJN. : 17.7
 COMBN. : 10.3
 DELAY
 DEGREES : 7.4
 μS : 1.496
 MAXIMUM
 PRESSURE: 85.5
 RATE : 9.1
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 128



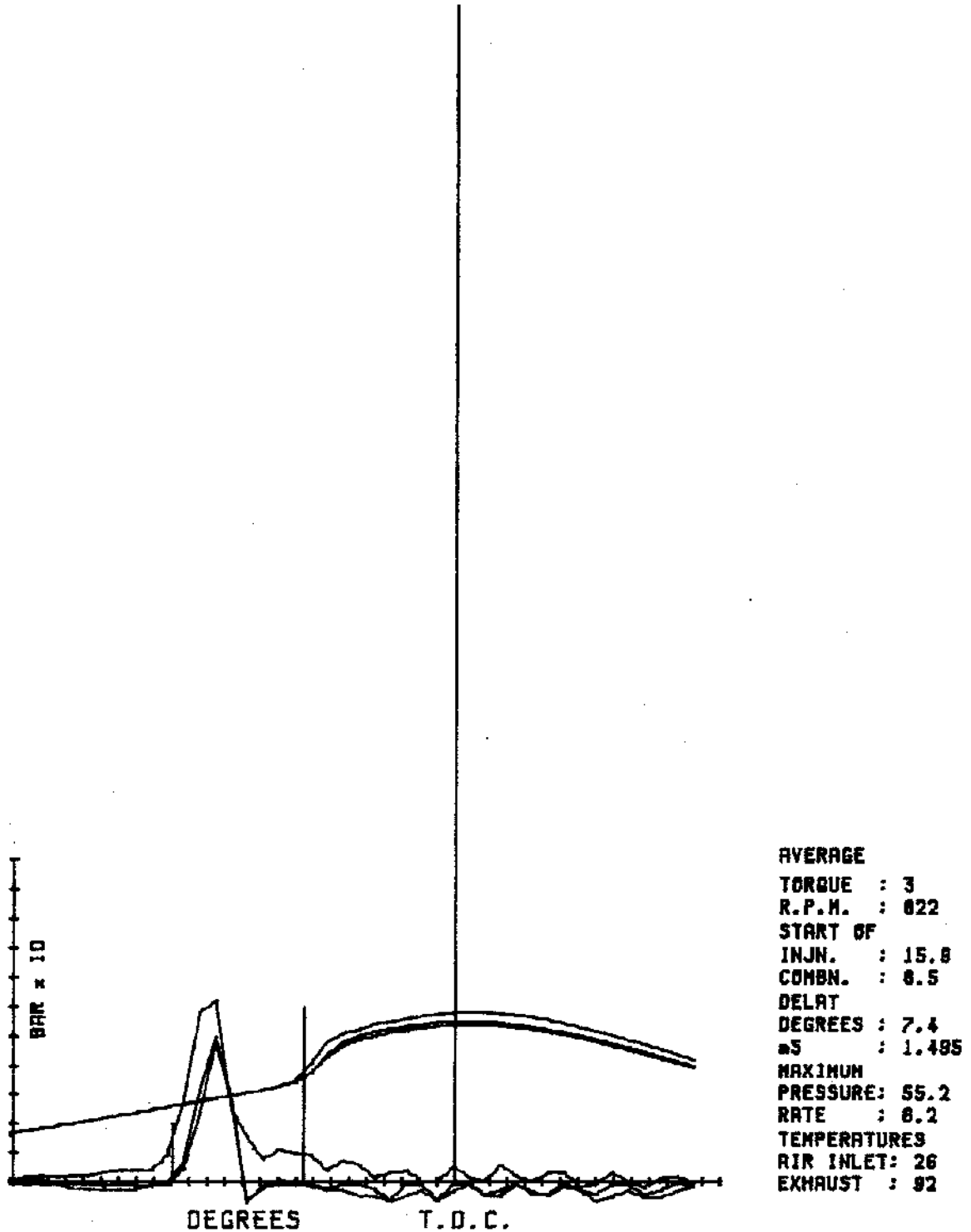
AVERAGE
 TORQUE : 91
 R.P.M. : 823
 START OF
 INJN. : 18.0
 COMBN. : 11.2
 DELAY
 DEGREES : 7.4
 μS : 1.492
 MAXIMUM
 PRESSURE: 80.9
 RATE : 9.1
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 209



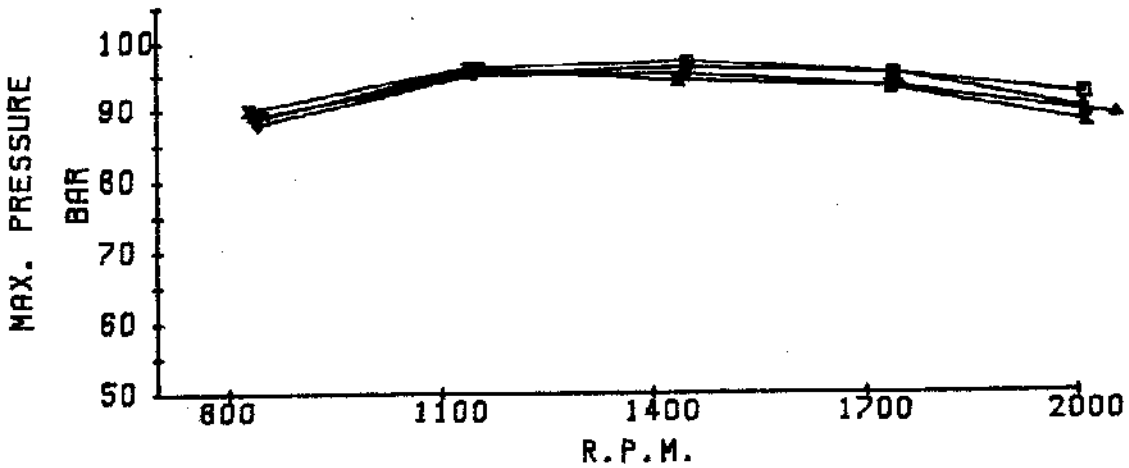
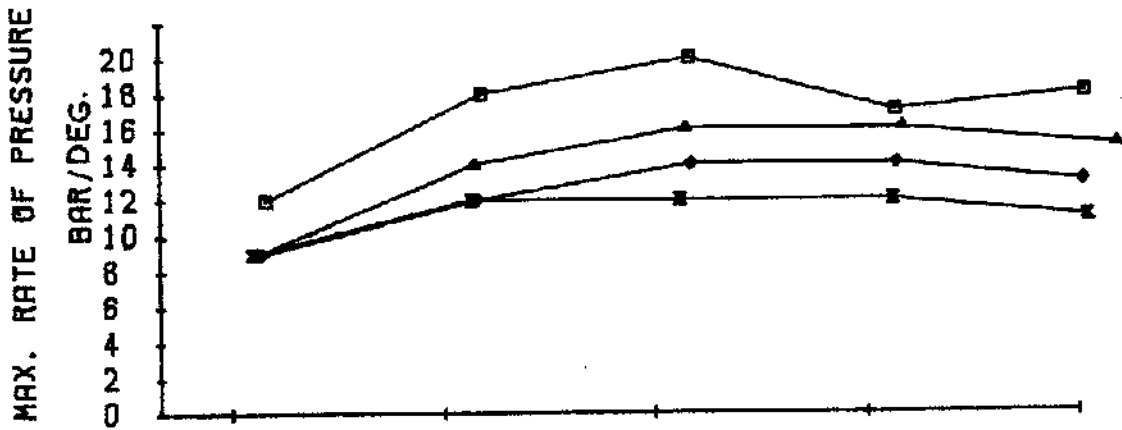
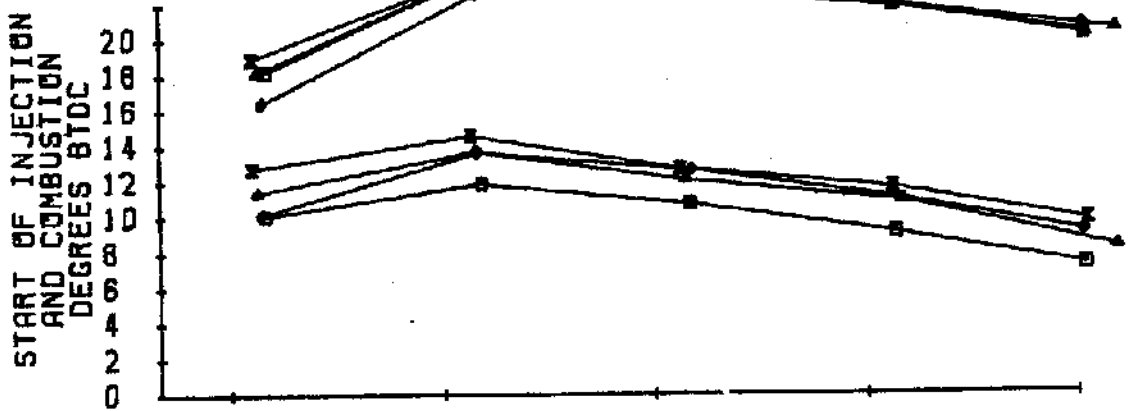
AVERAGE
 TORQUE : 149
 R.P.M. : 836
 START OF
 INJN. : 18.3
 COMBN. : 11
 DELAY
 DEGREES : 7.3
 μS : 1.446
 MAXIMUM
 PRESSURE: 91.3
 RATE : 11.6
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 313

DEGREES T.D.C.

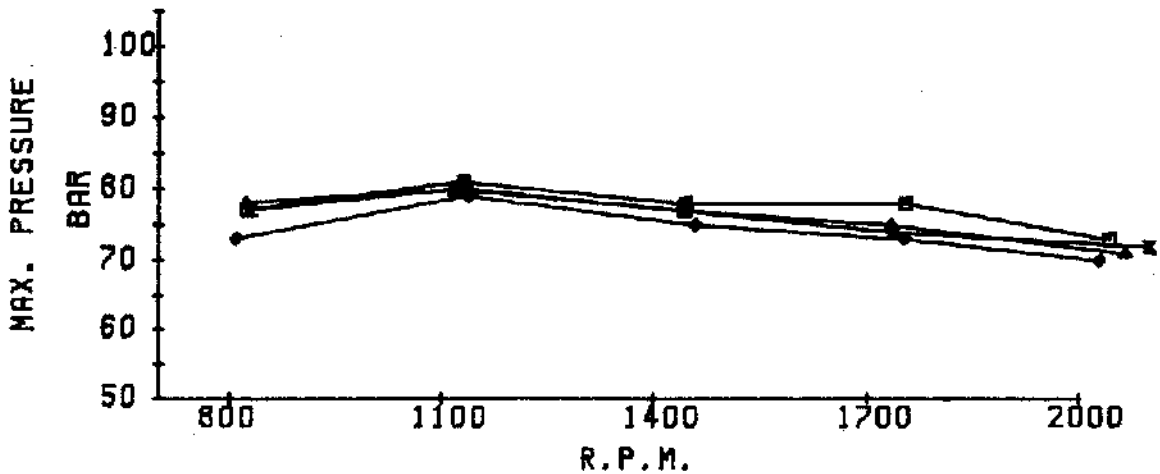
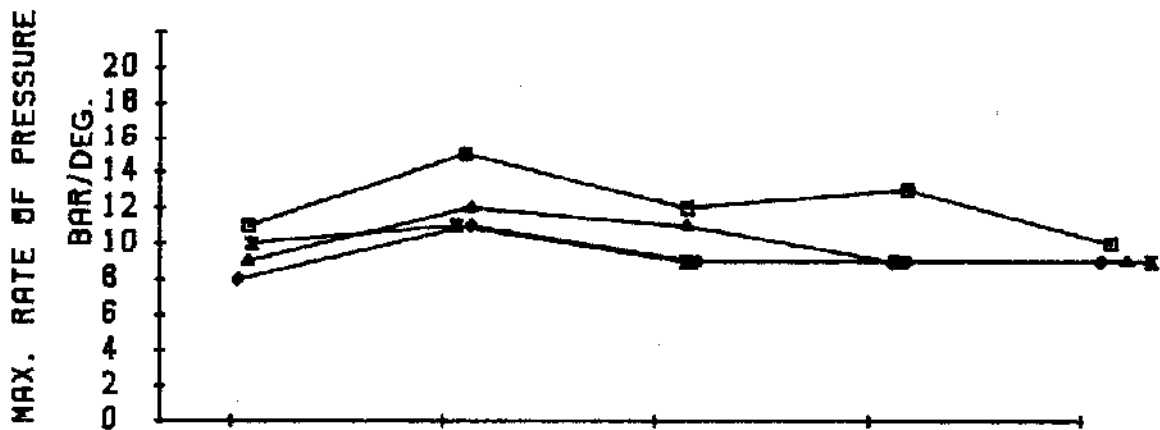
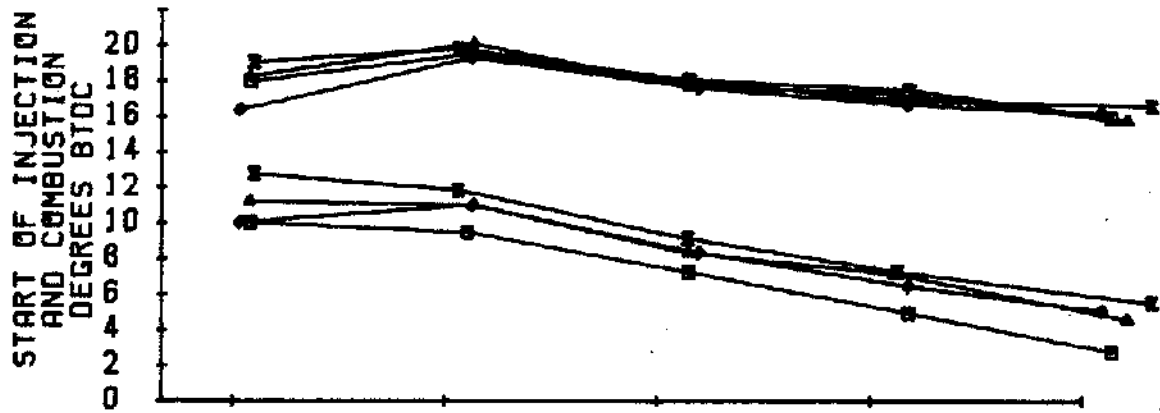
ENGINE : FORD 3000	FUEL ID : E20/.410N
CAPACITY : 2860	C.V. : 38
TEST ID. : UN100-6	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP23	



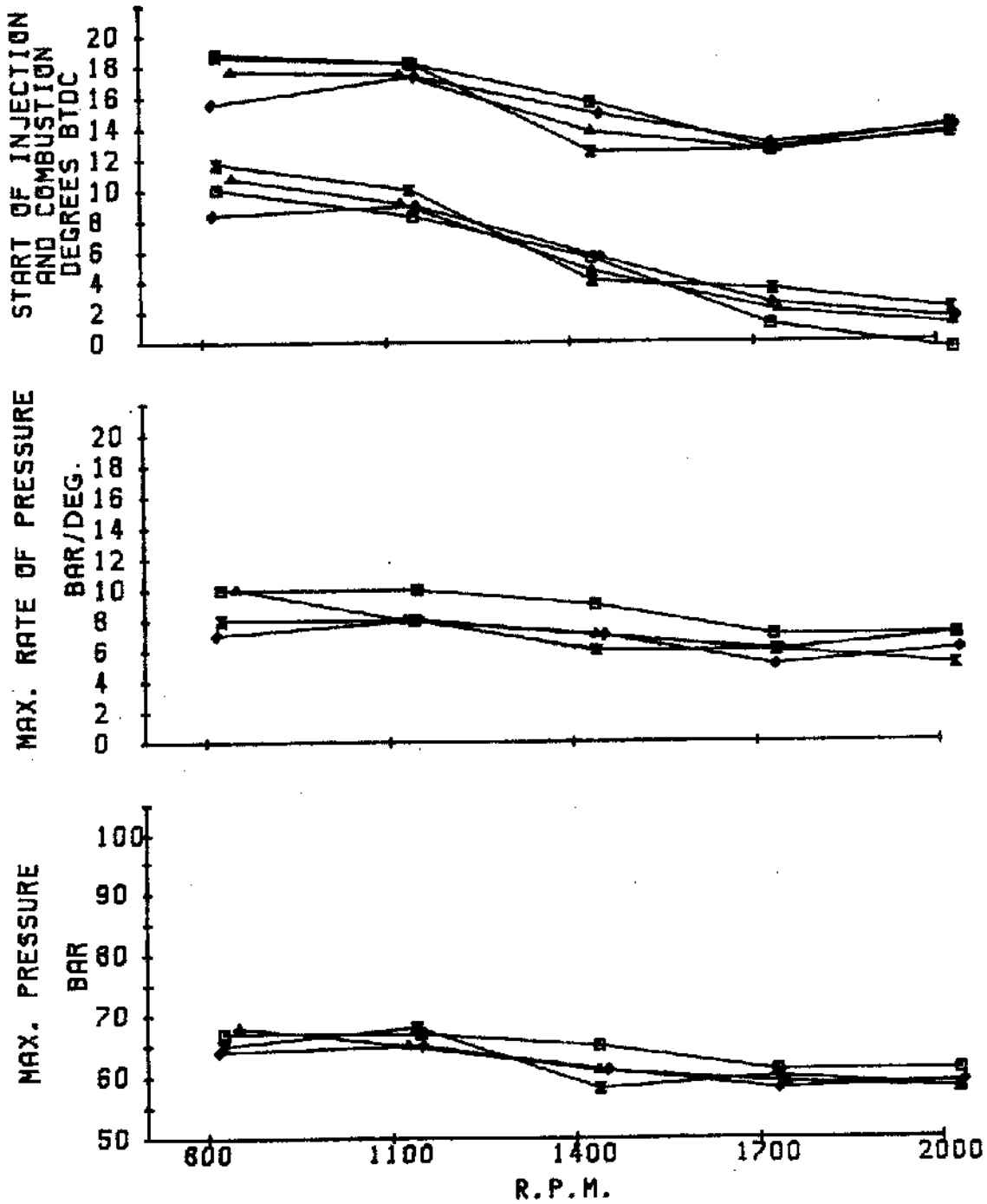
ENGINE : FORD 3000	FUEL ID : E20/.410N
CAPACITY : 2860	C.V. : 38
TEST ID. : UNIDC-6	DENSITY : .846
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	FIG AP24



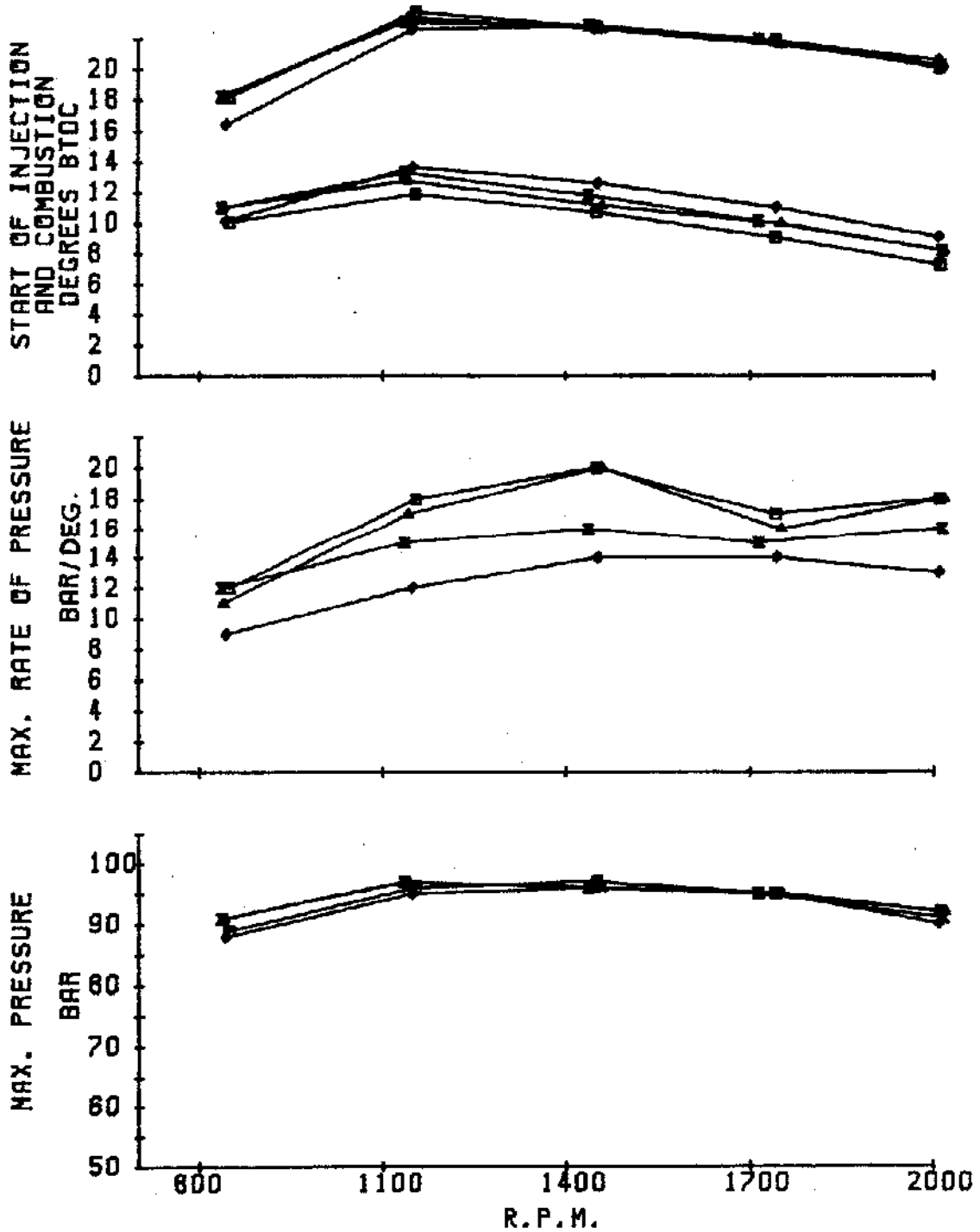
ENGINE : FORD 3000 CAPACITY: 2660	<ul style="list-style-type: none"> • DIST 100 ◻ E20 ▲ E20/2.6TEGDN x E20/5.2TEGDN
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	FIG AP25



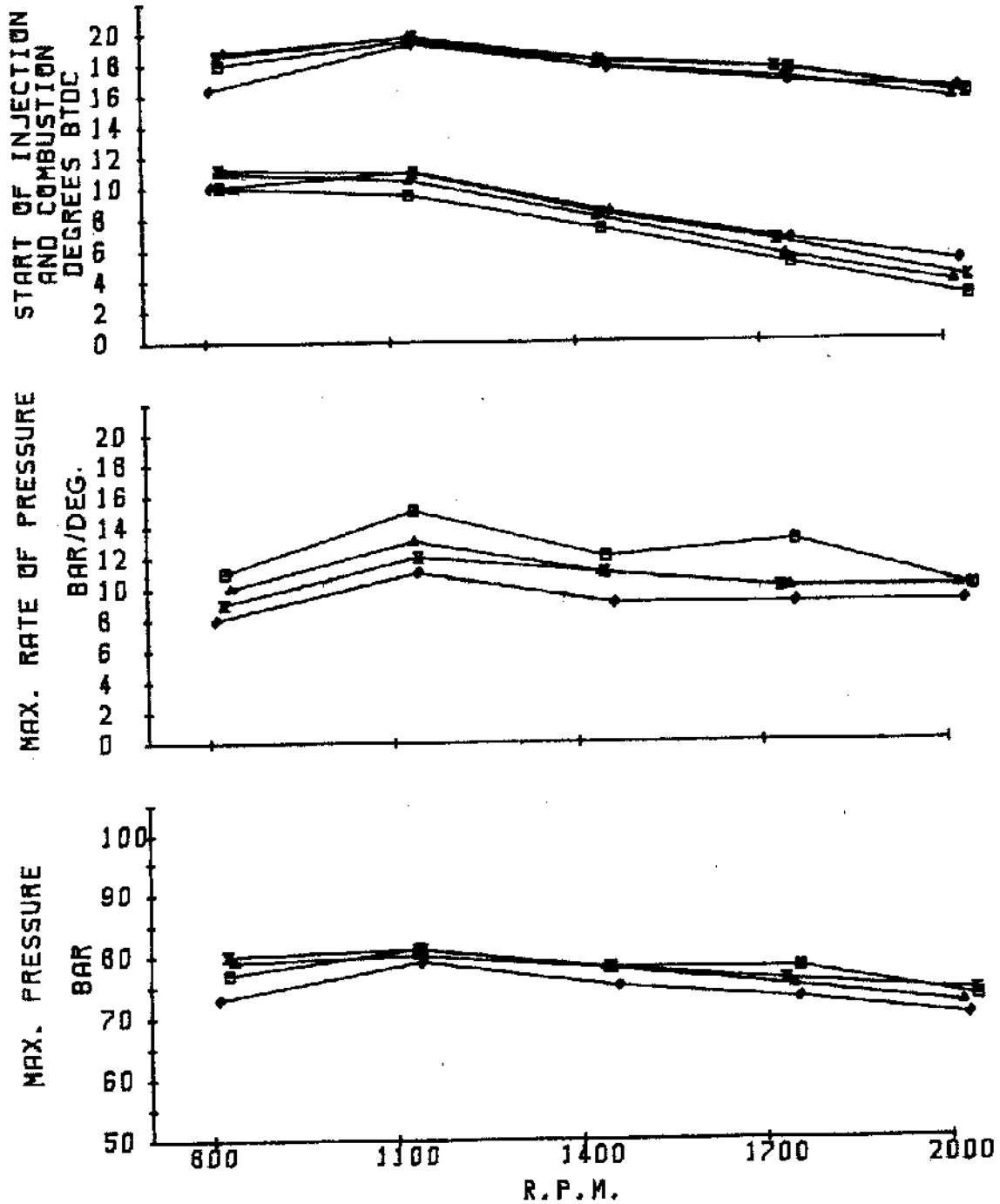
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> ◆ DIST 100 ■ E20 ▲ E20/2.6TEGDN ✱ E20/5.2TEGDN
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	2/3 LOAD
FIG AP26	



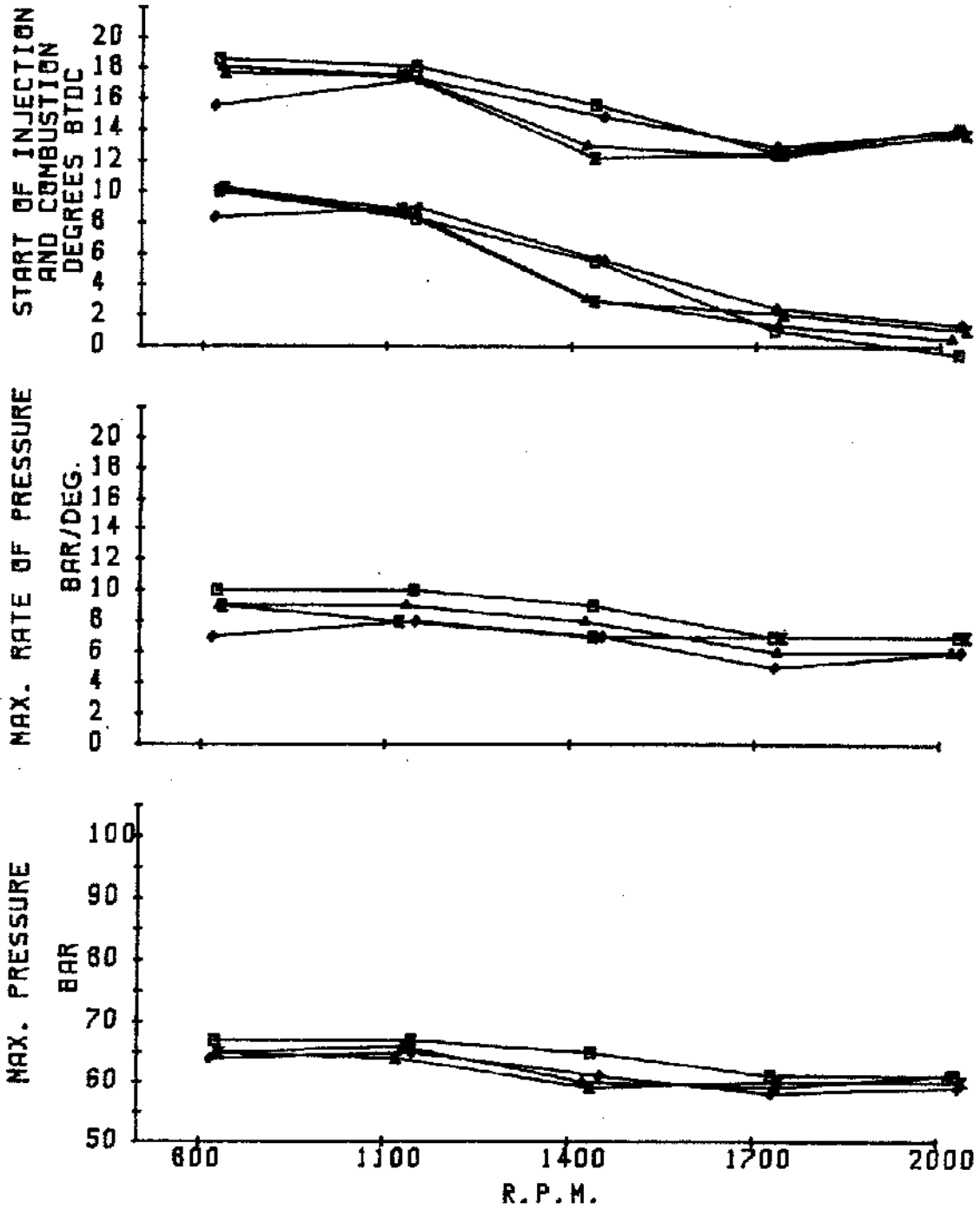
ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E20 ▲ E20/2.6TEGDN × E20/5.2TEGDN
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	1/3 LOAD
FIG AP27	



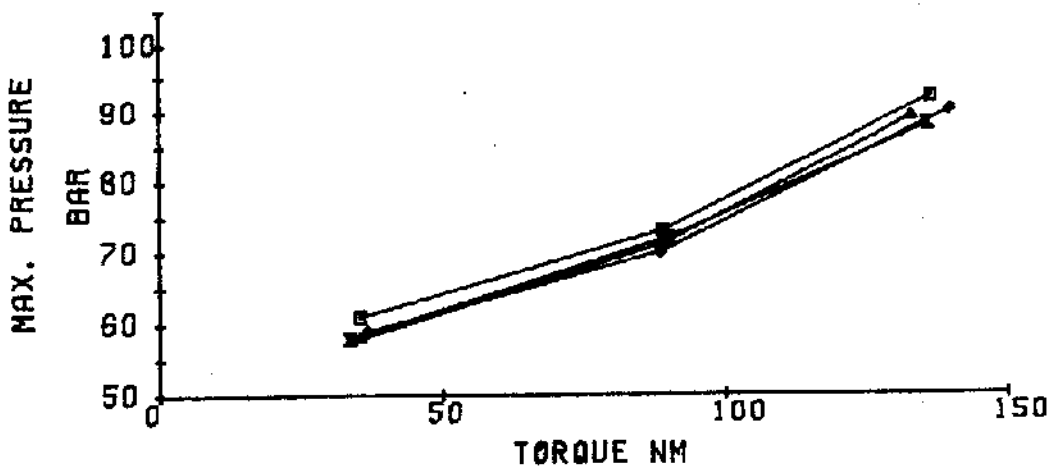
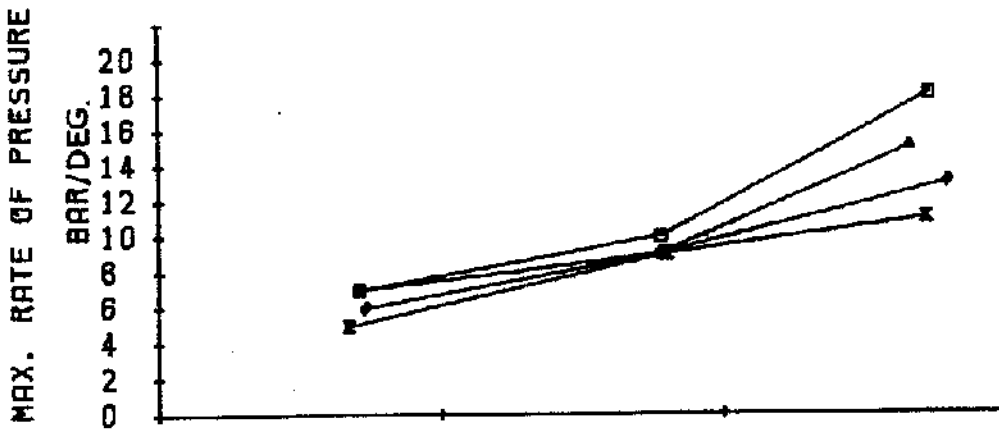
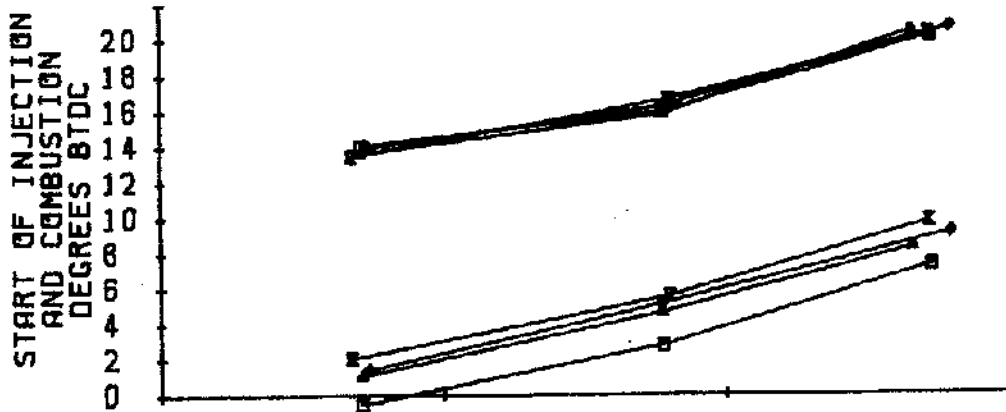
ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E20 ▲ E20/.210N × E20/.410N FULL LOAD
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP28	



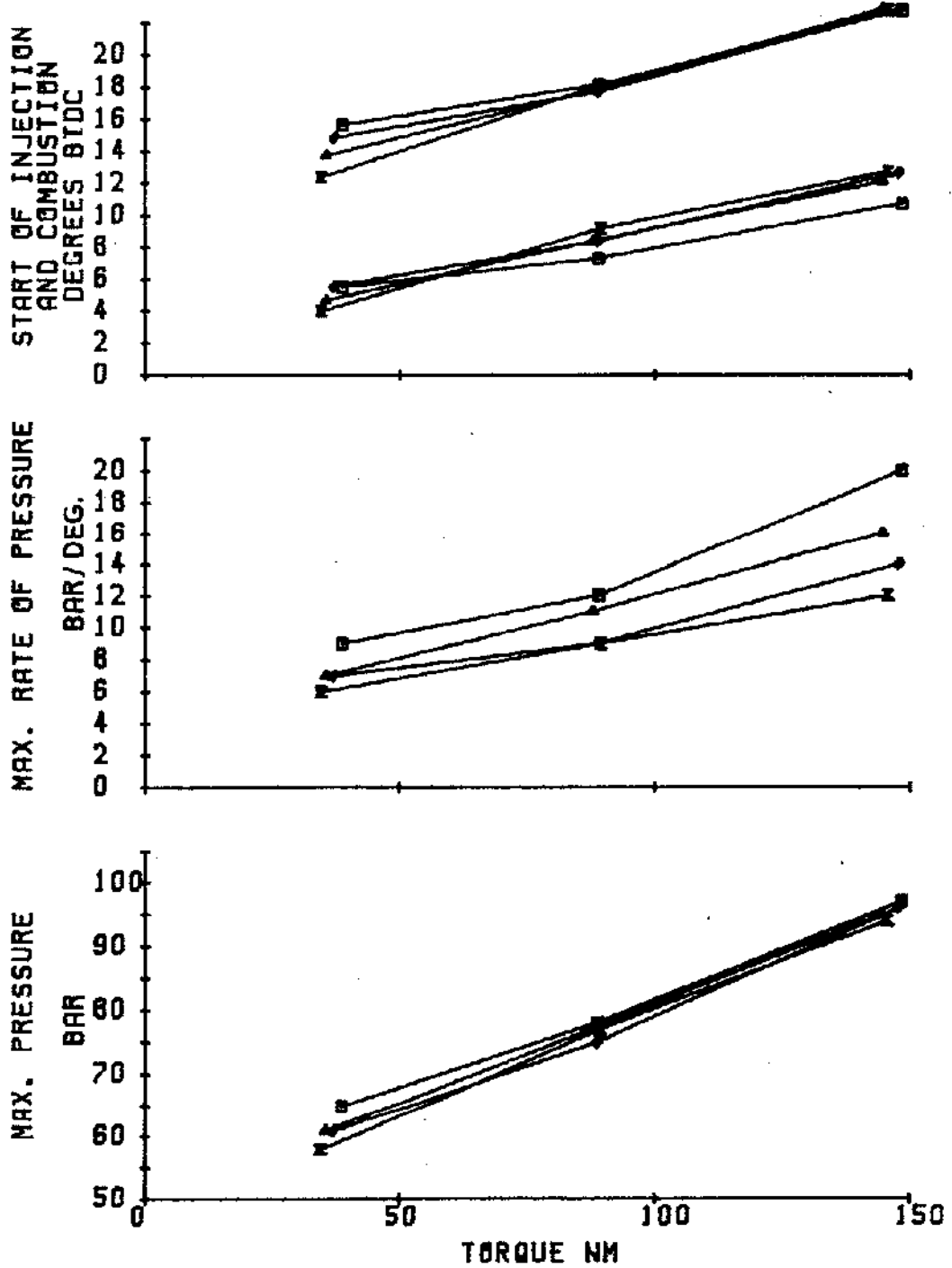
ENGINE : FORD 3000 CAPACITY: 2860	◆ DJST 100 ■ E20 ▲ E20/.210N × E20/.410N 2/3 LOAD
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP29	



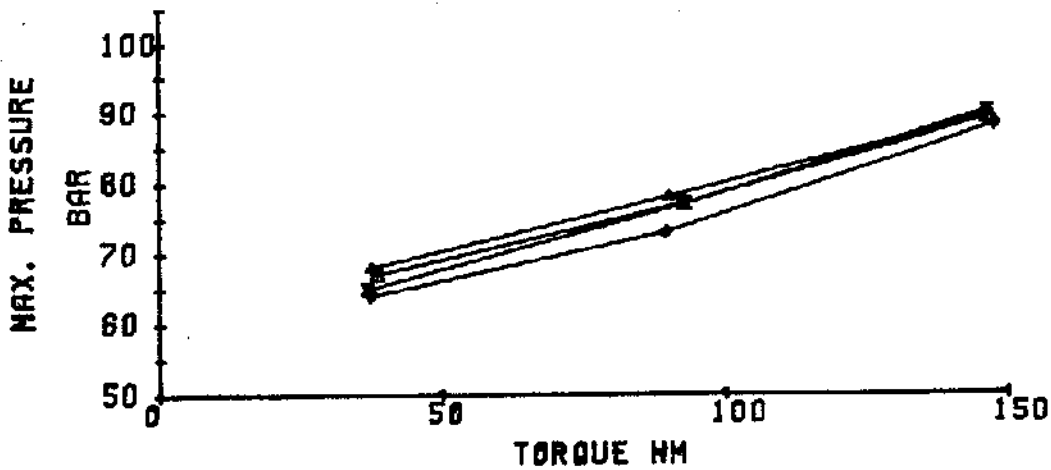
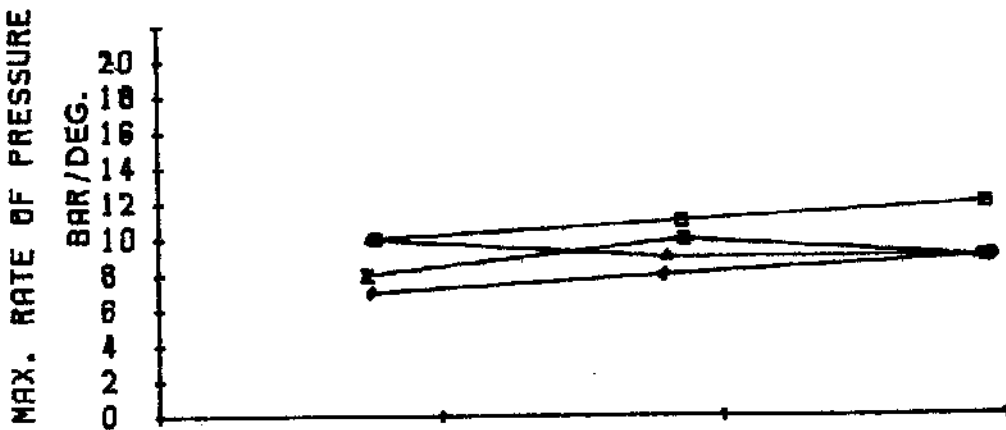
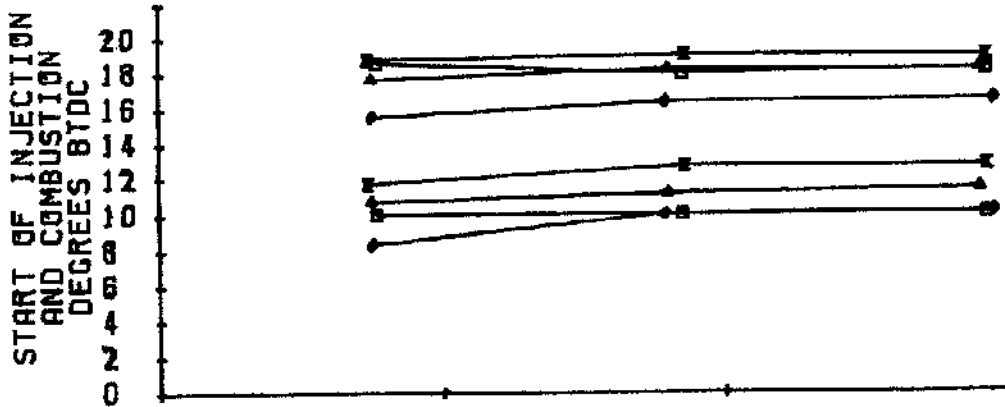
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> ◆ DIST 100 ■ E20 ▲ E20/.210N × E20/.410N
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	1/3 LOAD
FIG AP30	



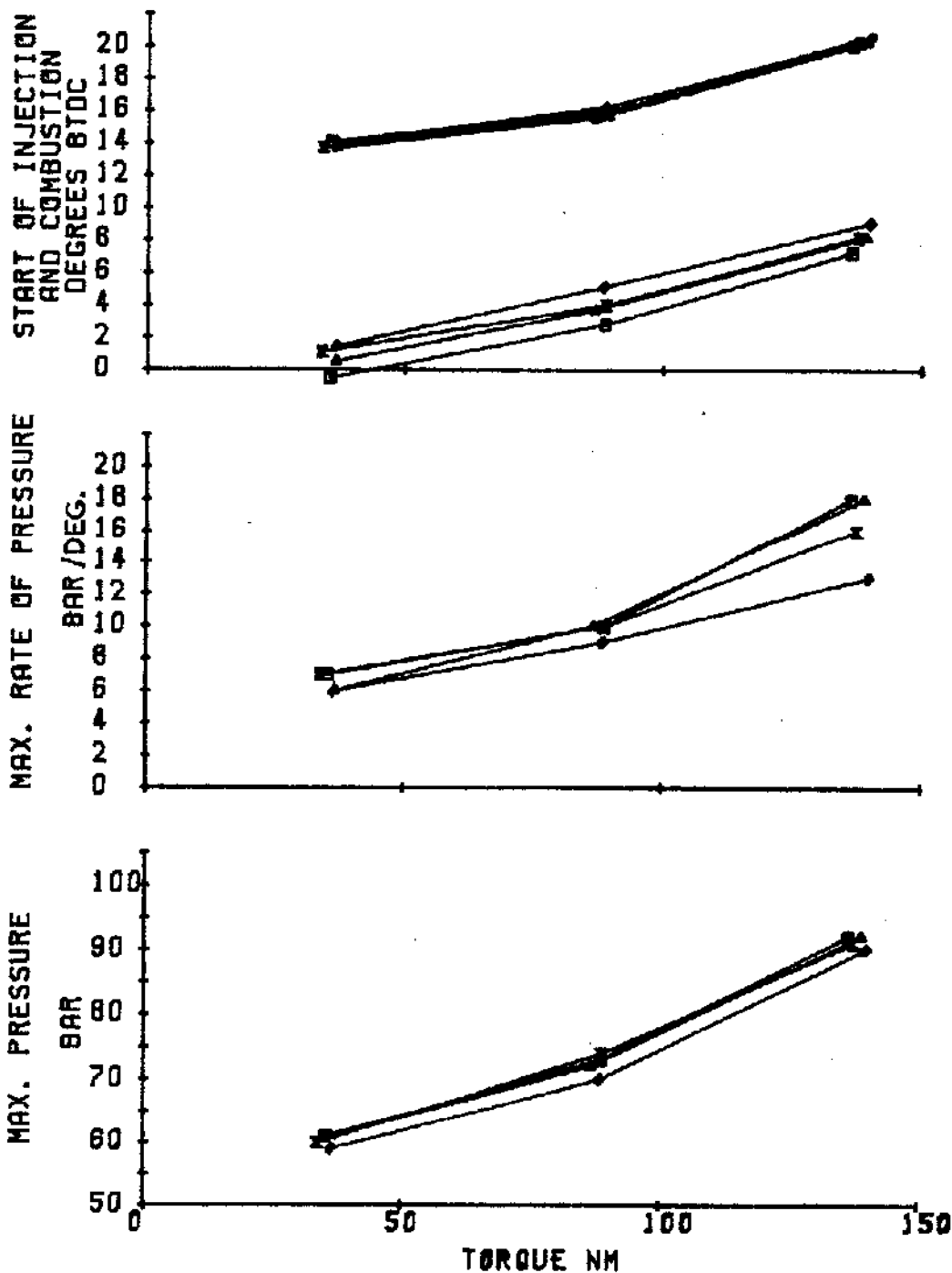
ENGINE : FORD 3000 CAPACITY: 2860	● DJST 100 ■ E20 ▲ E20/2.6TEGDN × E20/5.2TEGDN 2000 R.P.M.
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP31	



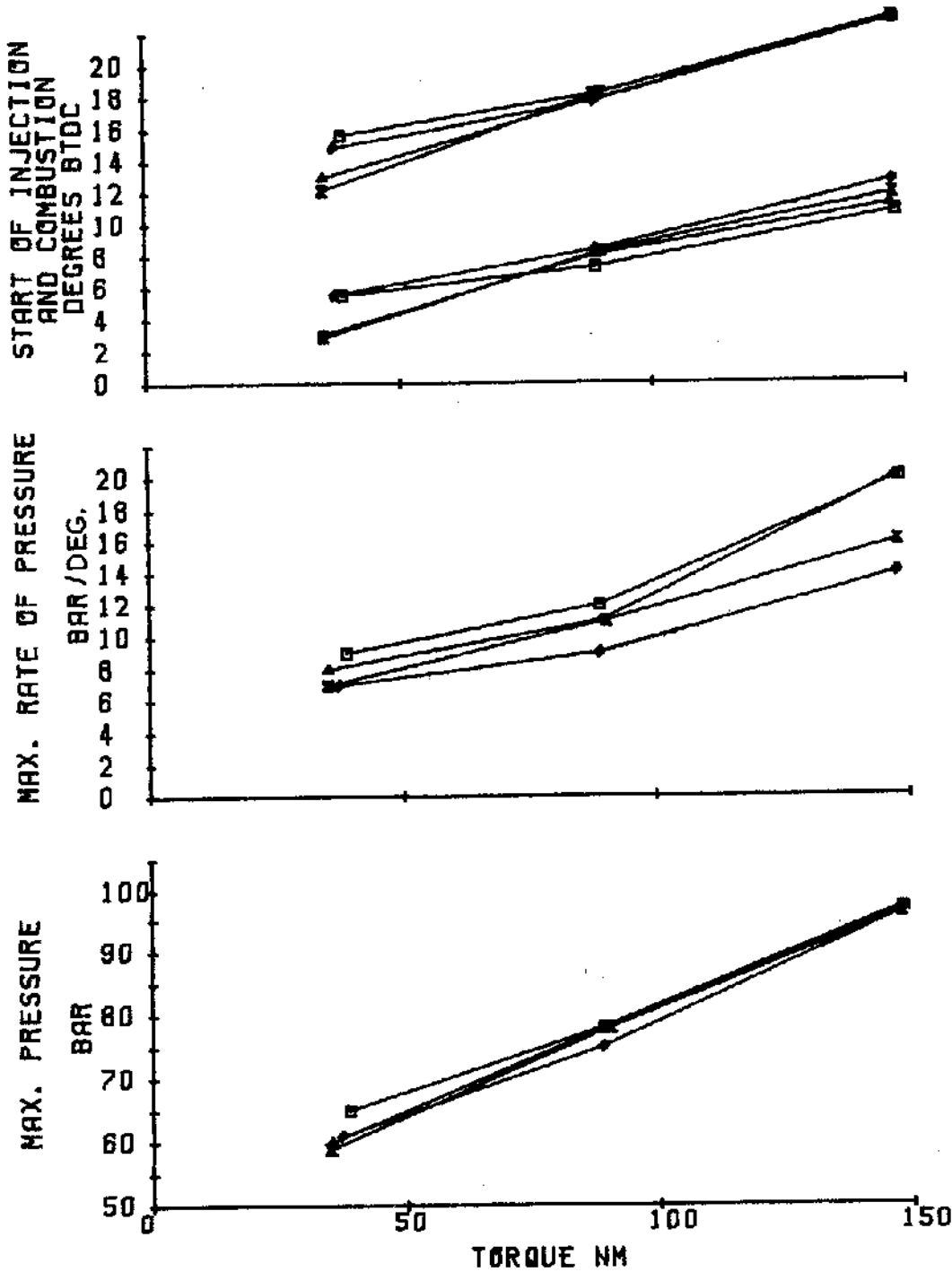
<p>ENGINE : FORD 3000 CAPACITY: 2860</p>	<p>◆ DIST 100 ■ E20 ▲ E20/2.6TEGDN × E20/5.2TEGDN 1400 R.P.M.</p>
<p>EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE</p>	
<p>FIG AP32</p>	



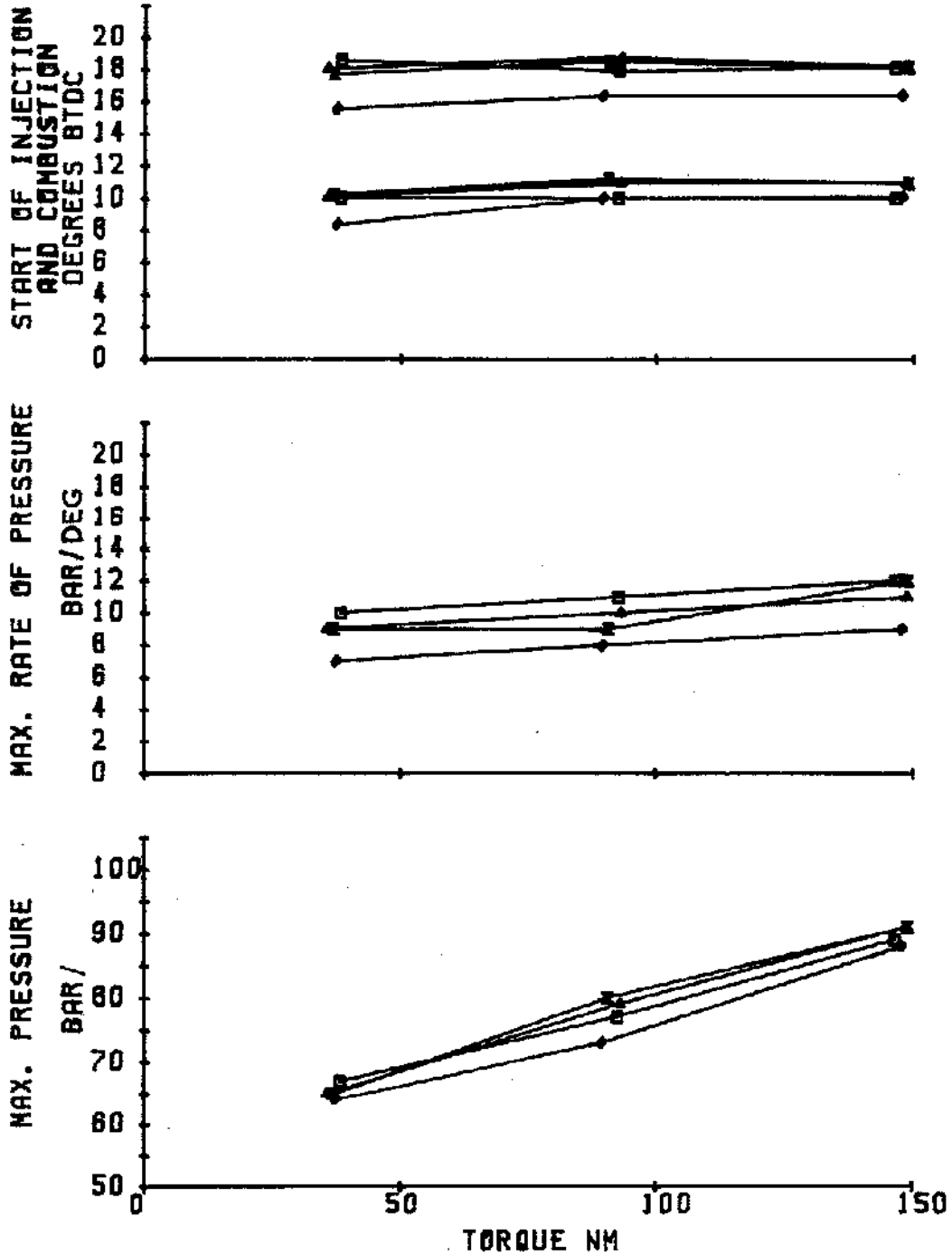
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> ● DIST 100 ■ E20 ▲ E20/2.6TEGDN x E20/5.2TEGDN 800 R.P.M.
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP33	



ENGINE : FORD 3000 CAPACITY: 2660	<ul style="list-style-type: none"> • DIST 100 ■ E20 ▲ E20/.210N × E20/.410N 2000 R.P.M.
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP34	

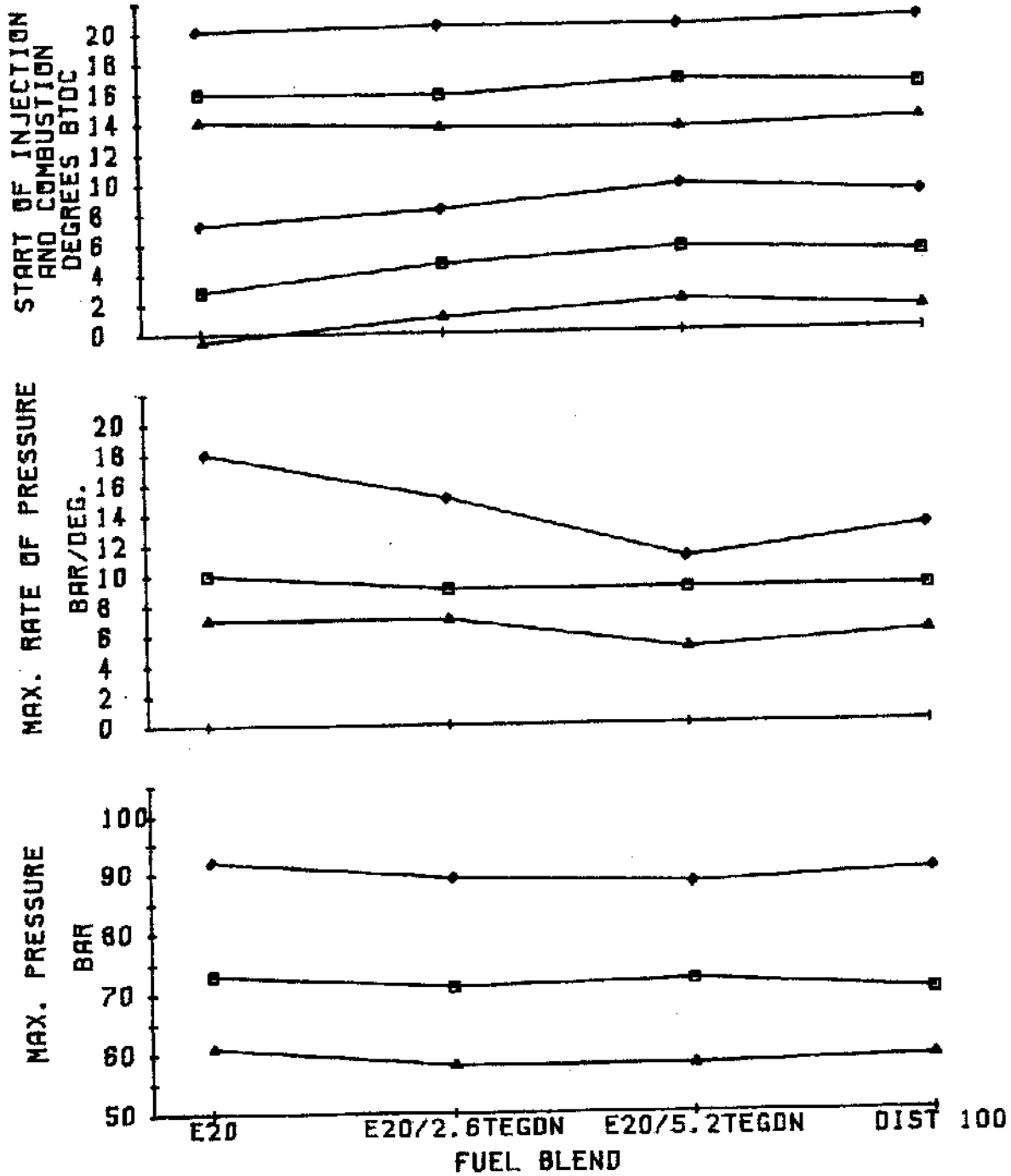


ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E20 ▲ E20/.2ION ✕ E20/.4ION 1400 R.P.M.
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP35	

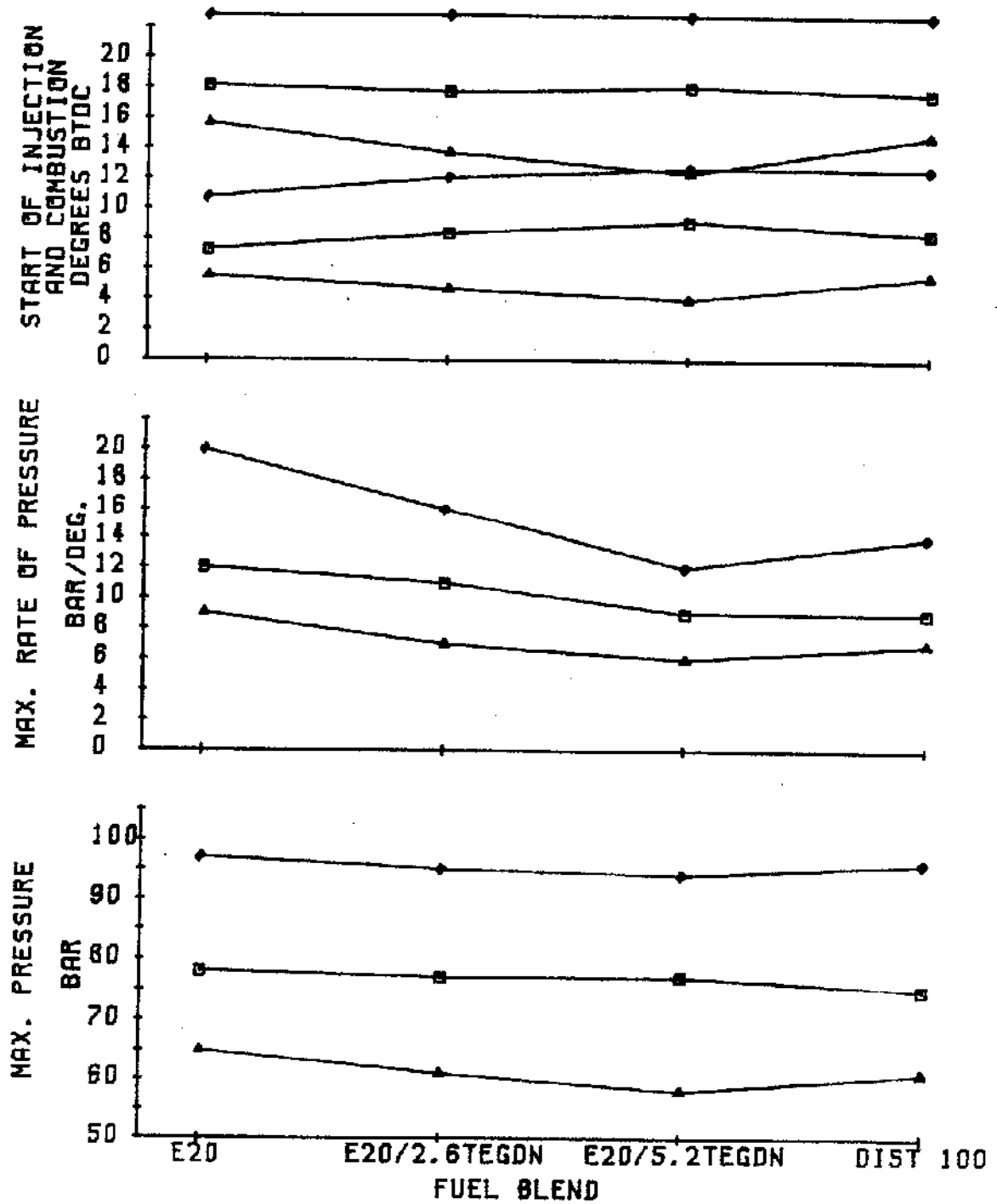


ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> ◆ DIST 100 ■ E20 ▲ E20/.210N ⊠ E20/.410N 600 R.P.M.
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	

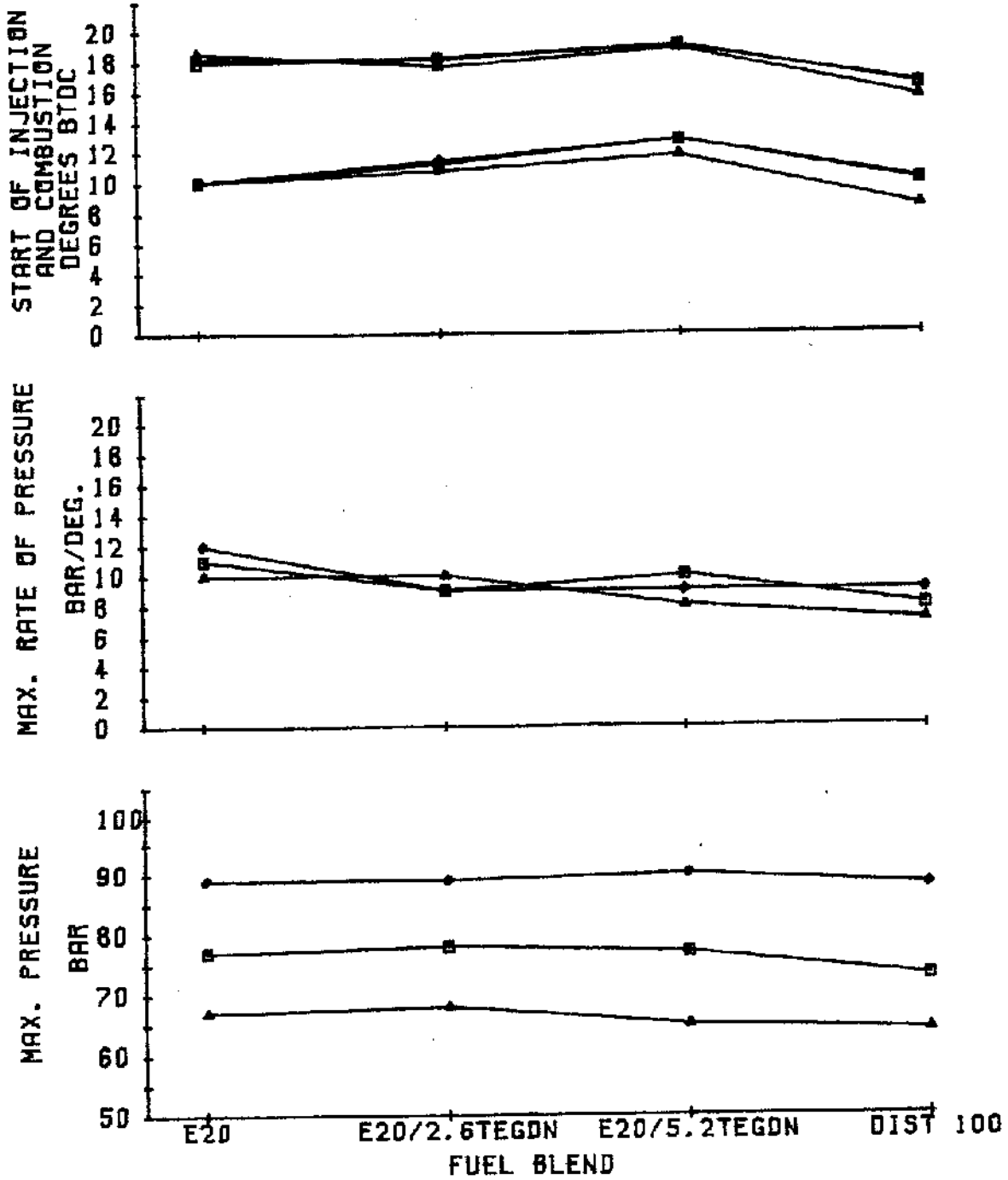
FIG AP36



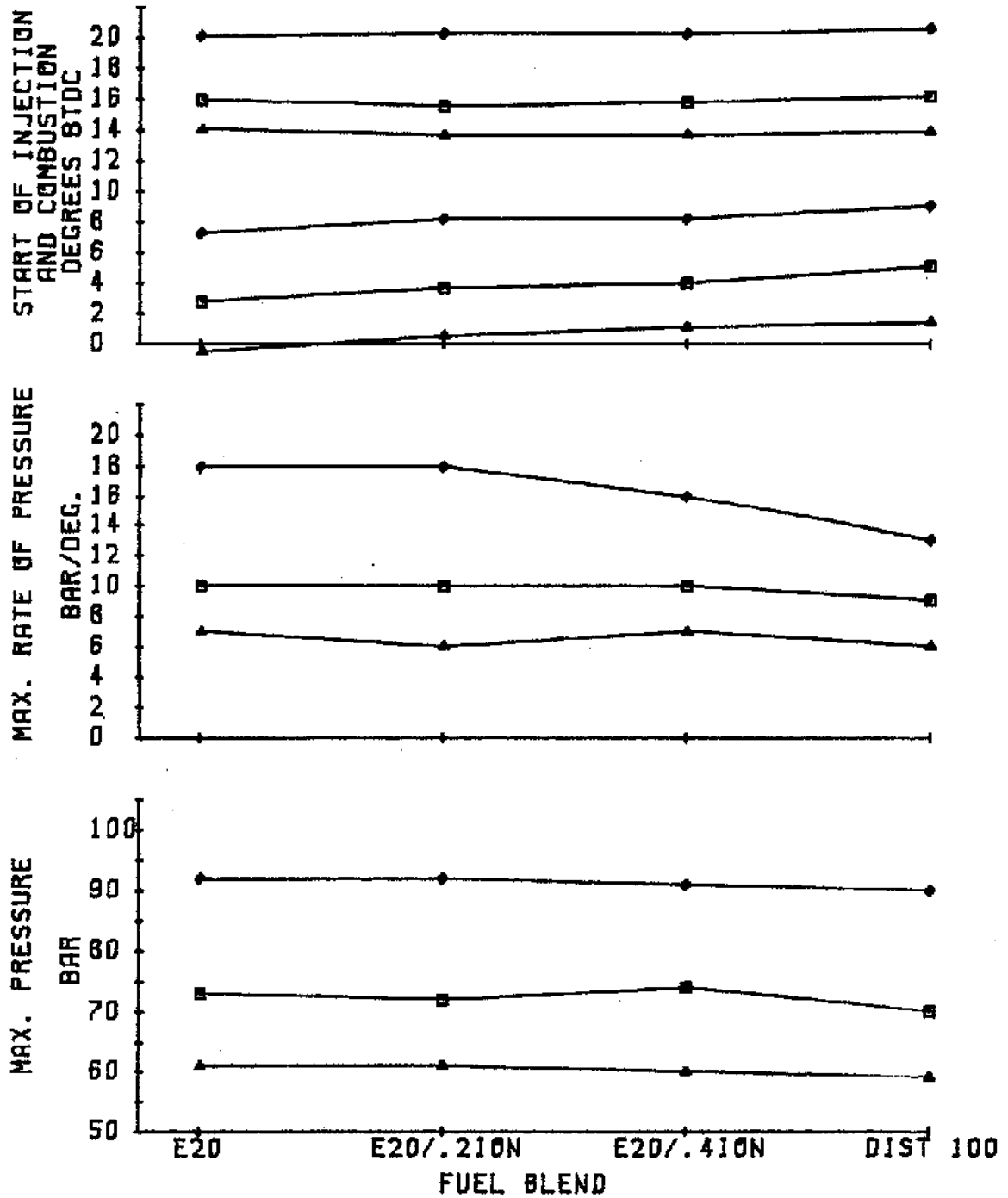
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> • FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	2000 R.P.M. FIG AP37



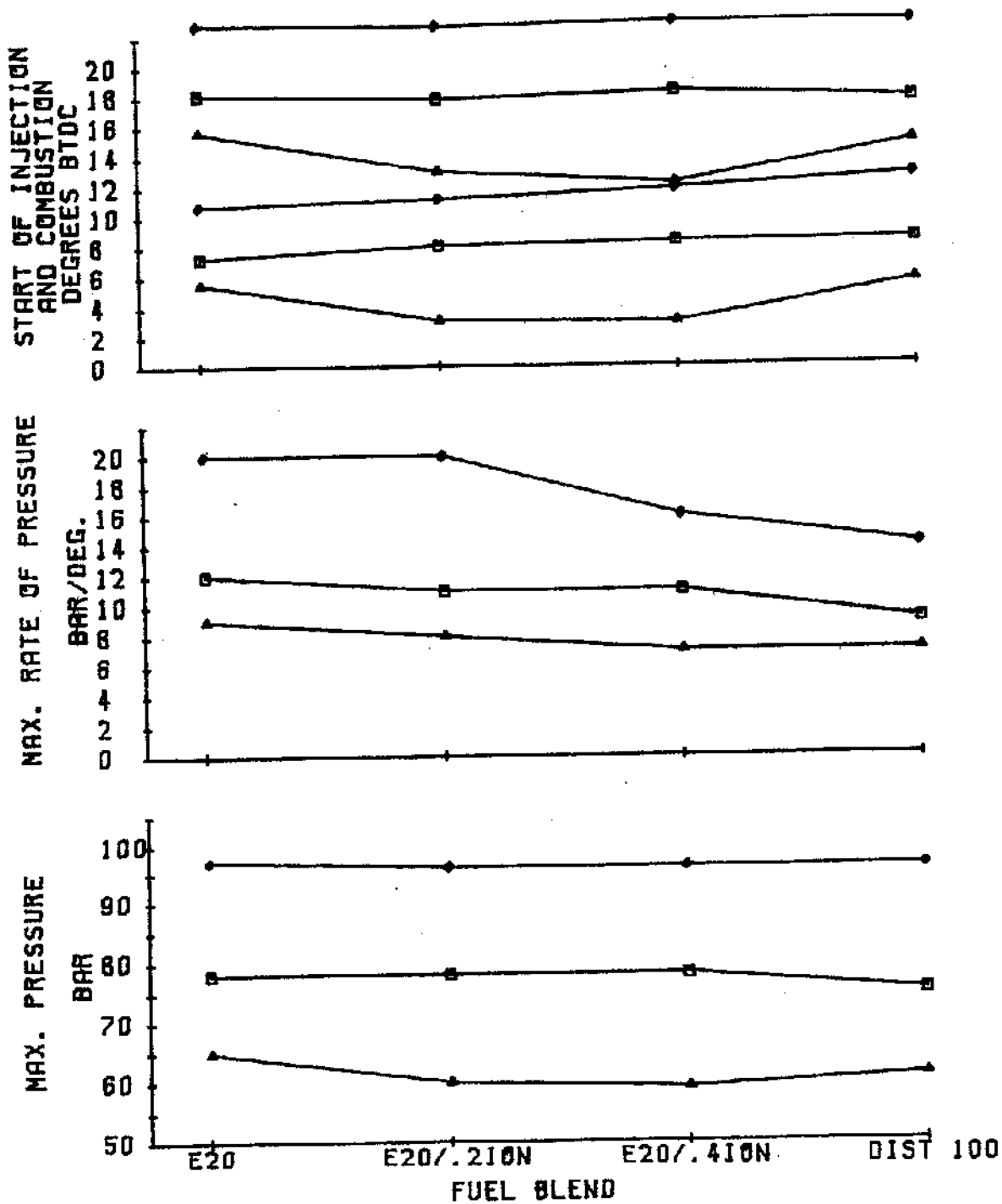
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> • FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	1400 R.P.M.
	FIG AP38



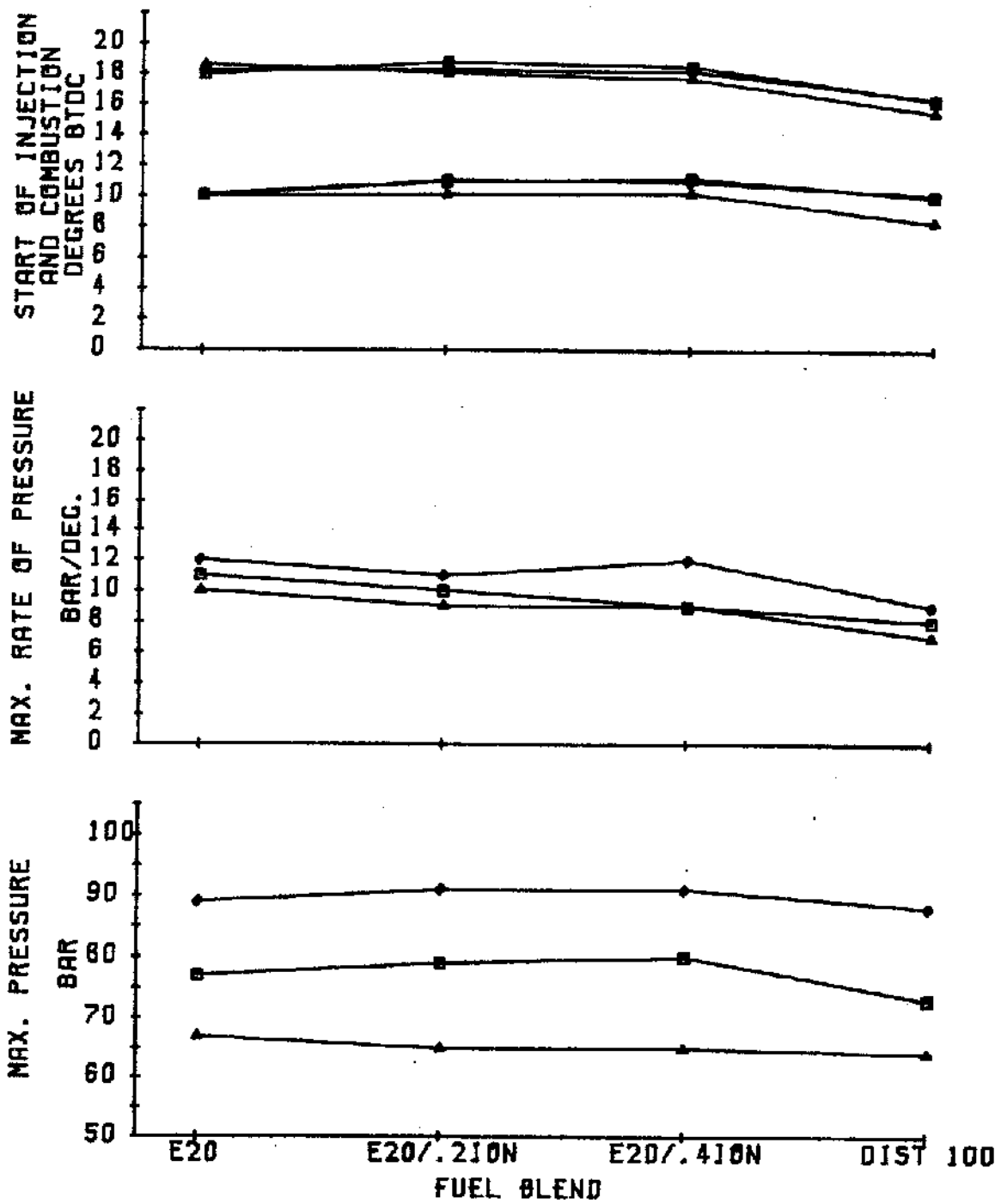
ENGINE : FORD 3000 CAPACITY: 2660	• FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	800 R.P.M. FIG AP39



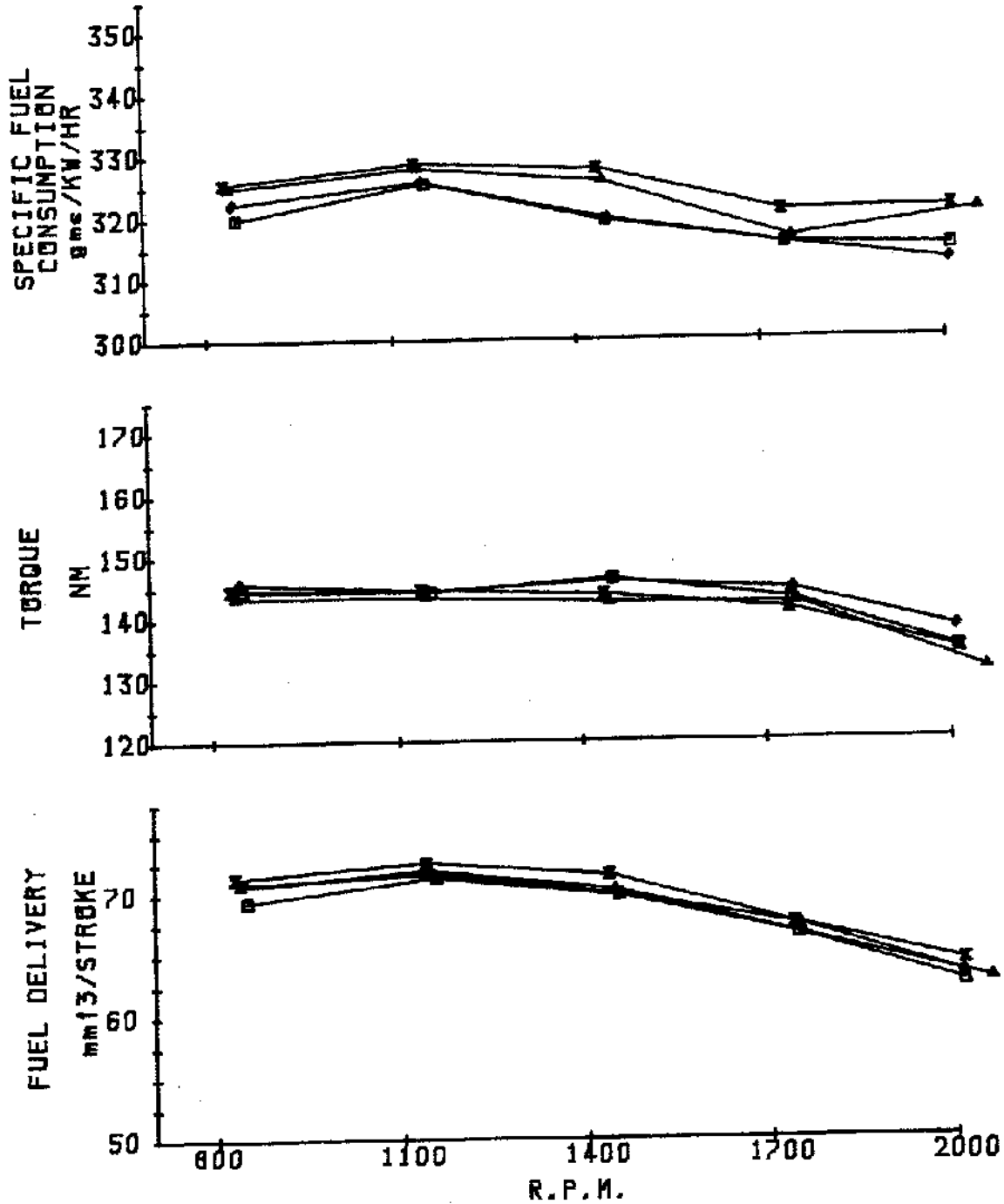
ENGINE : FORD 3000 CAPACITY: 2860	• FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	2000 R.P.M. FIG AP40



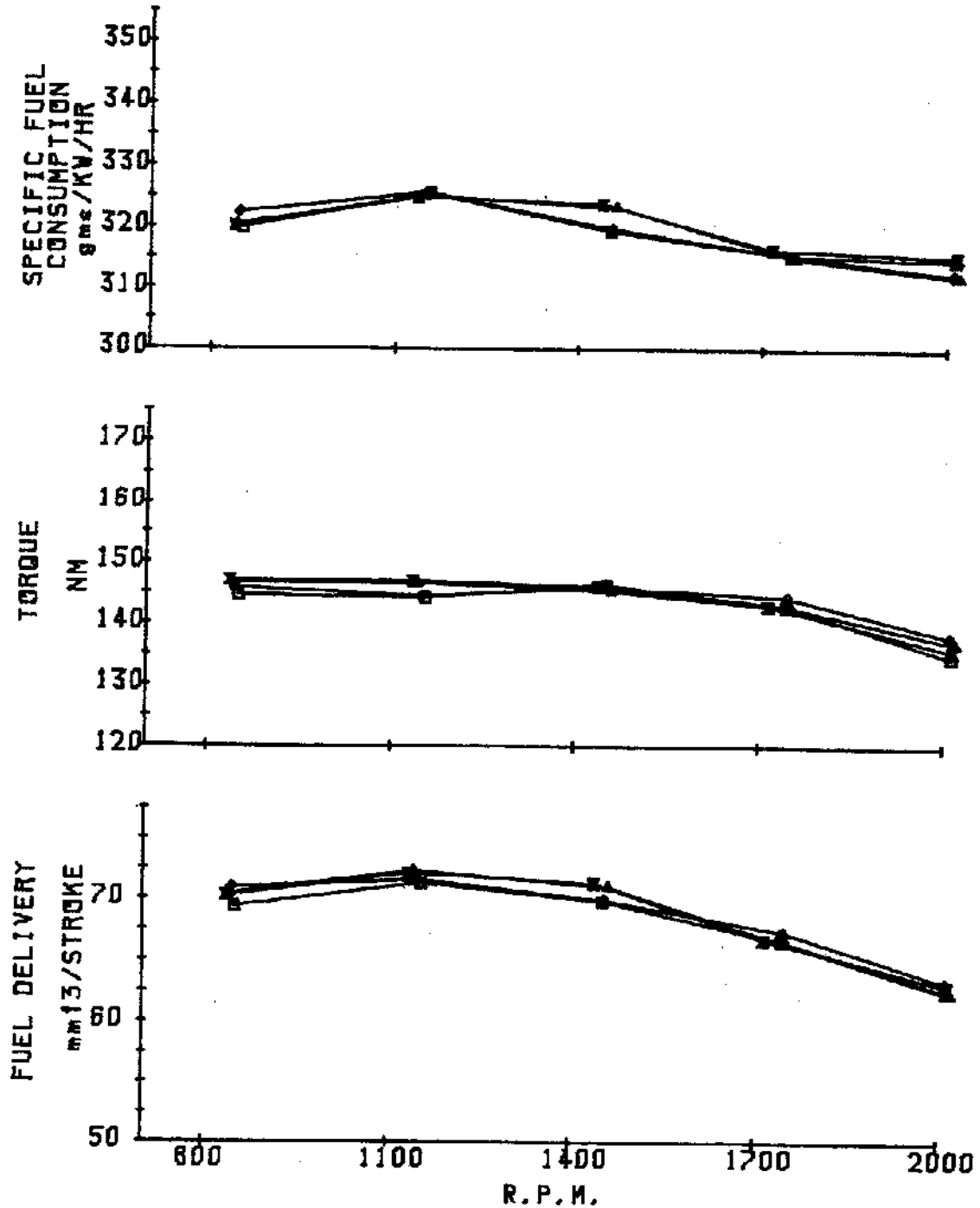
ENGINE : FORD 3000 CAPACITY: 2860	• FULL LOAD ◻ 2/3 LOAD ▲ 1/3 LOAD
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	1400 R.P.M. FIG AP41



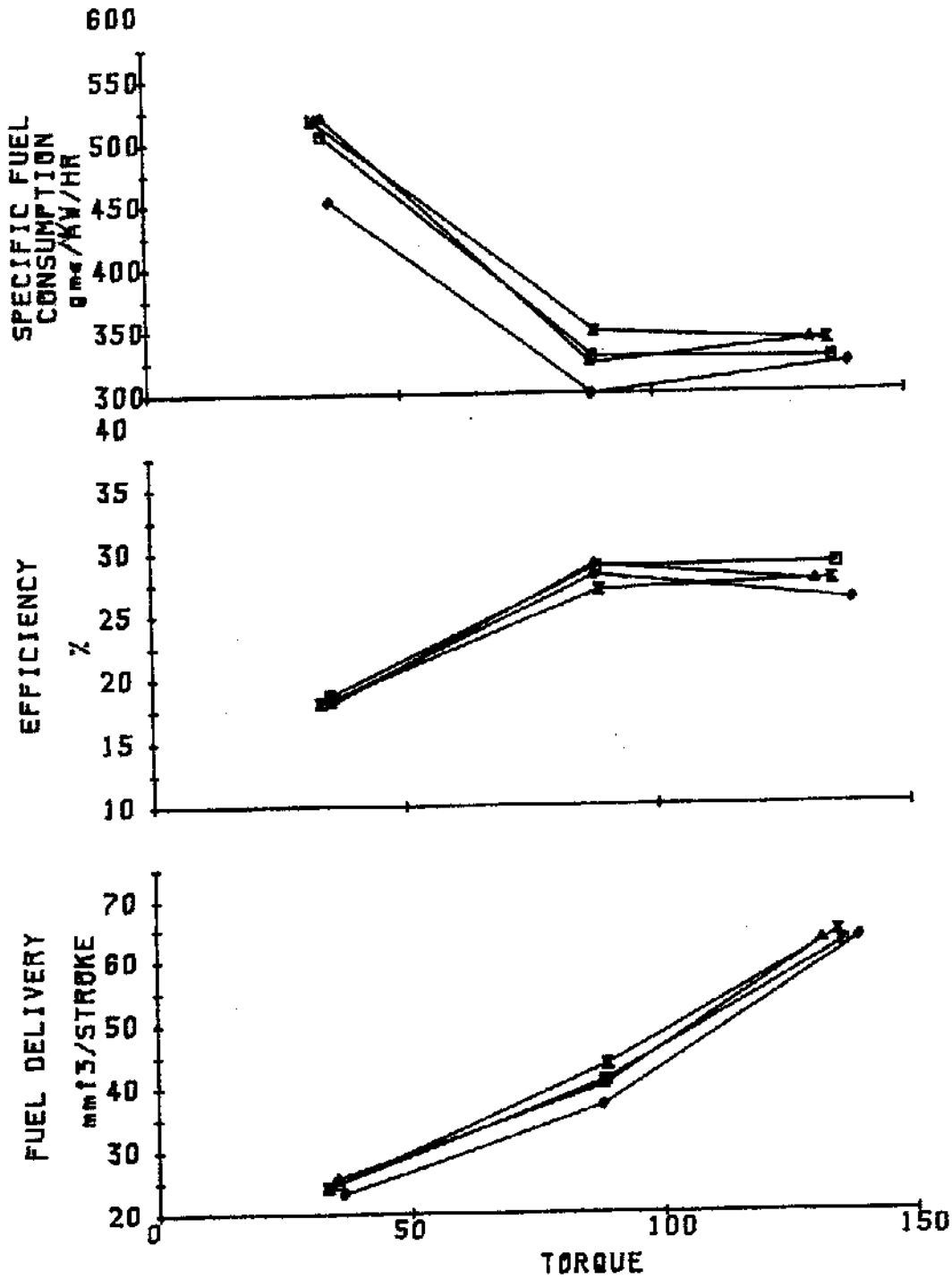
ENGINE : FORD 3000 CAPACITY: 2860	• FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD
EFFECT OF ION ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	800 R.P.M. FIG AP42



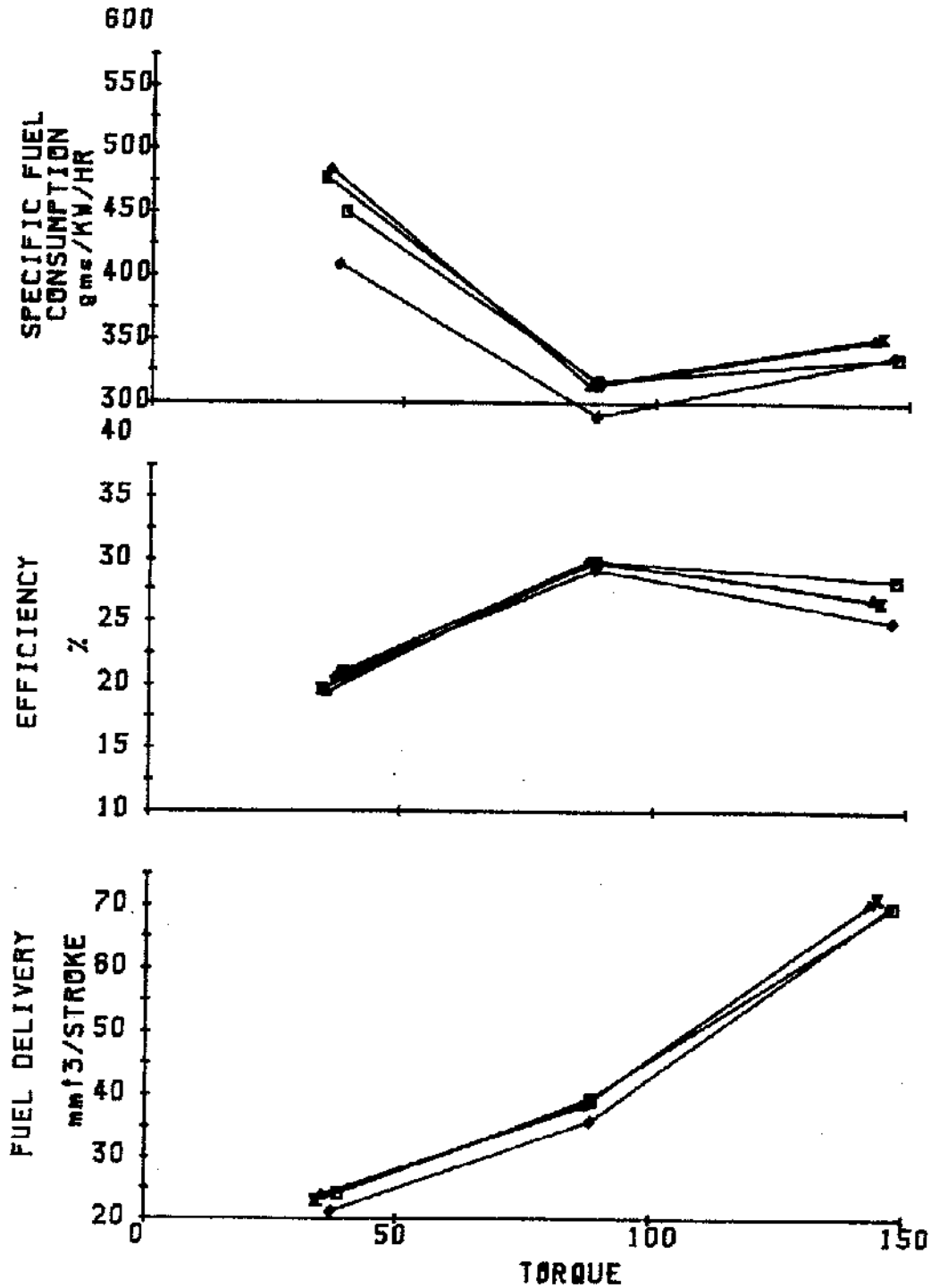
ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E20 ▲ E20/2.6TEGDN × E20/5.2TEGDN FULL LOAD
EFFECT OF TEGDN ON INJECTION PUMP DELIVERY, TORQUE & S.F.C.	
FIG AP43	



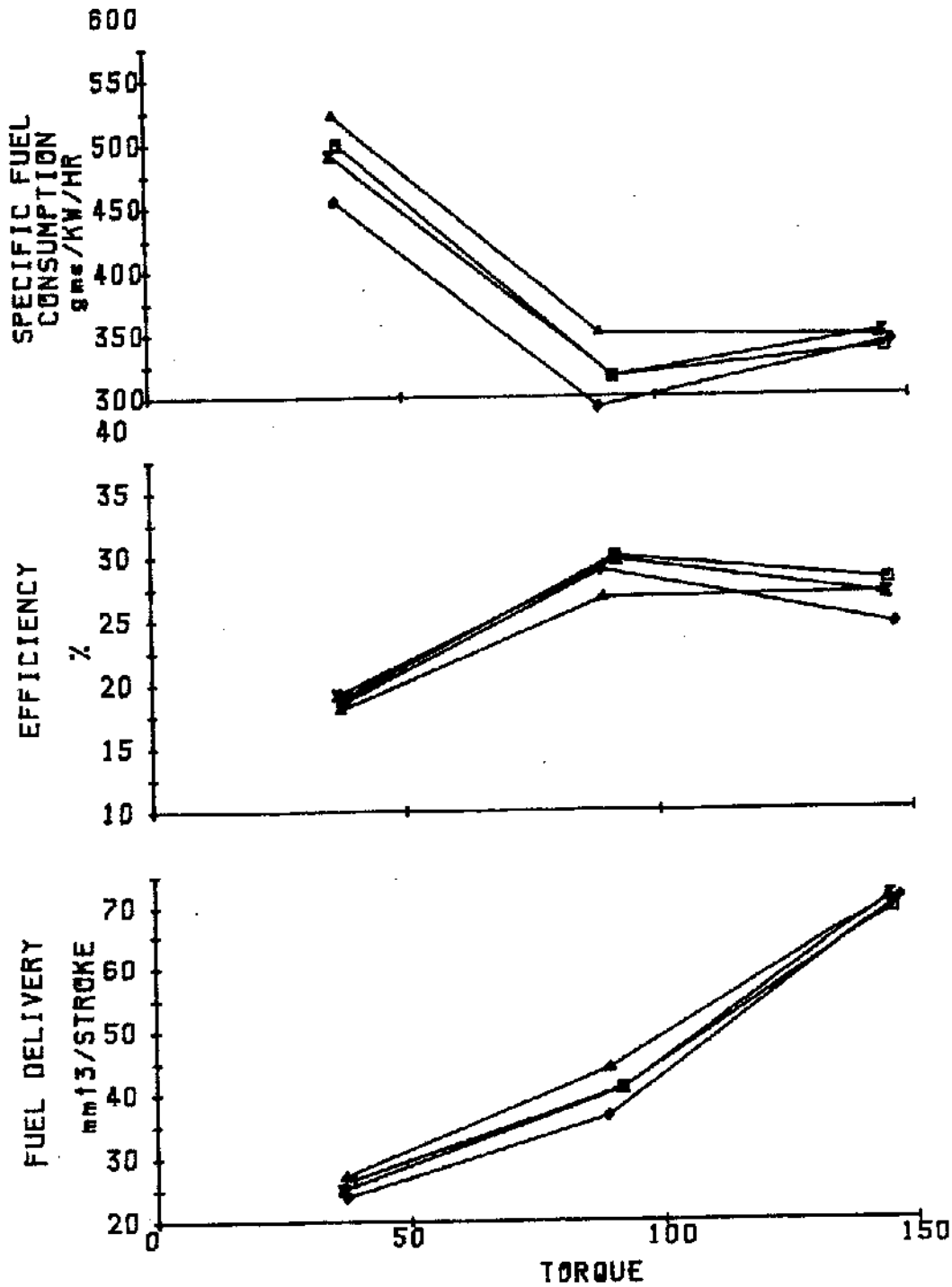
ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E20 ▲ E20/.210N × E20/.410N FULL LOAD
EFFECT OF ION ON INJECTION PUMP DELIVERY, TORQUE & S.F.C.	
FIG AP44	



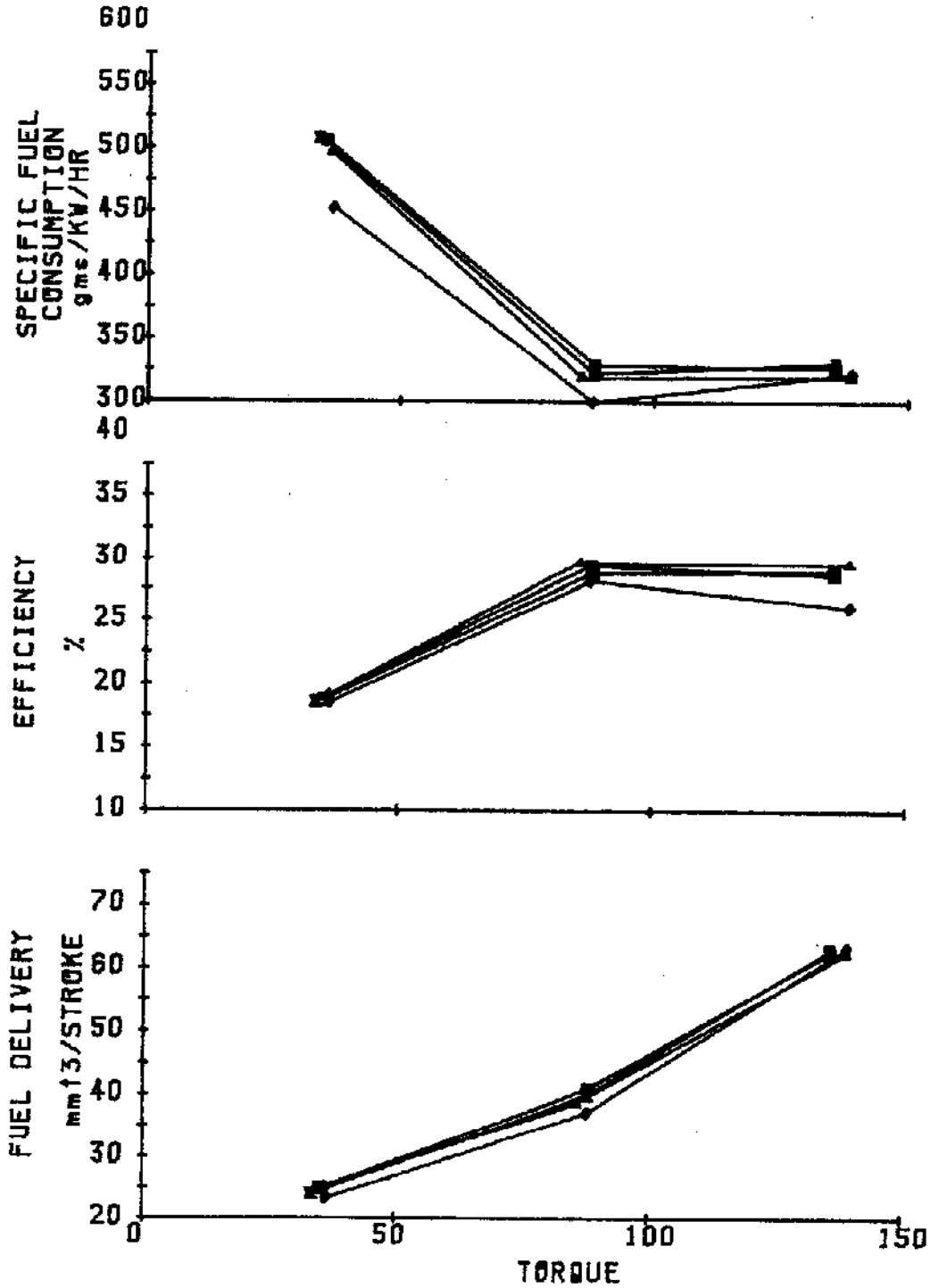
ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E20 ▲ E20/2.6TEGDN ✕ E20/5.2TEGDN
EFFECT OF TEGDN ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
2000 R.P.M.	
FIG AP45	



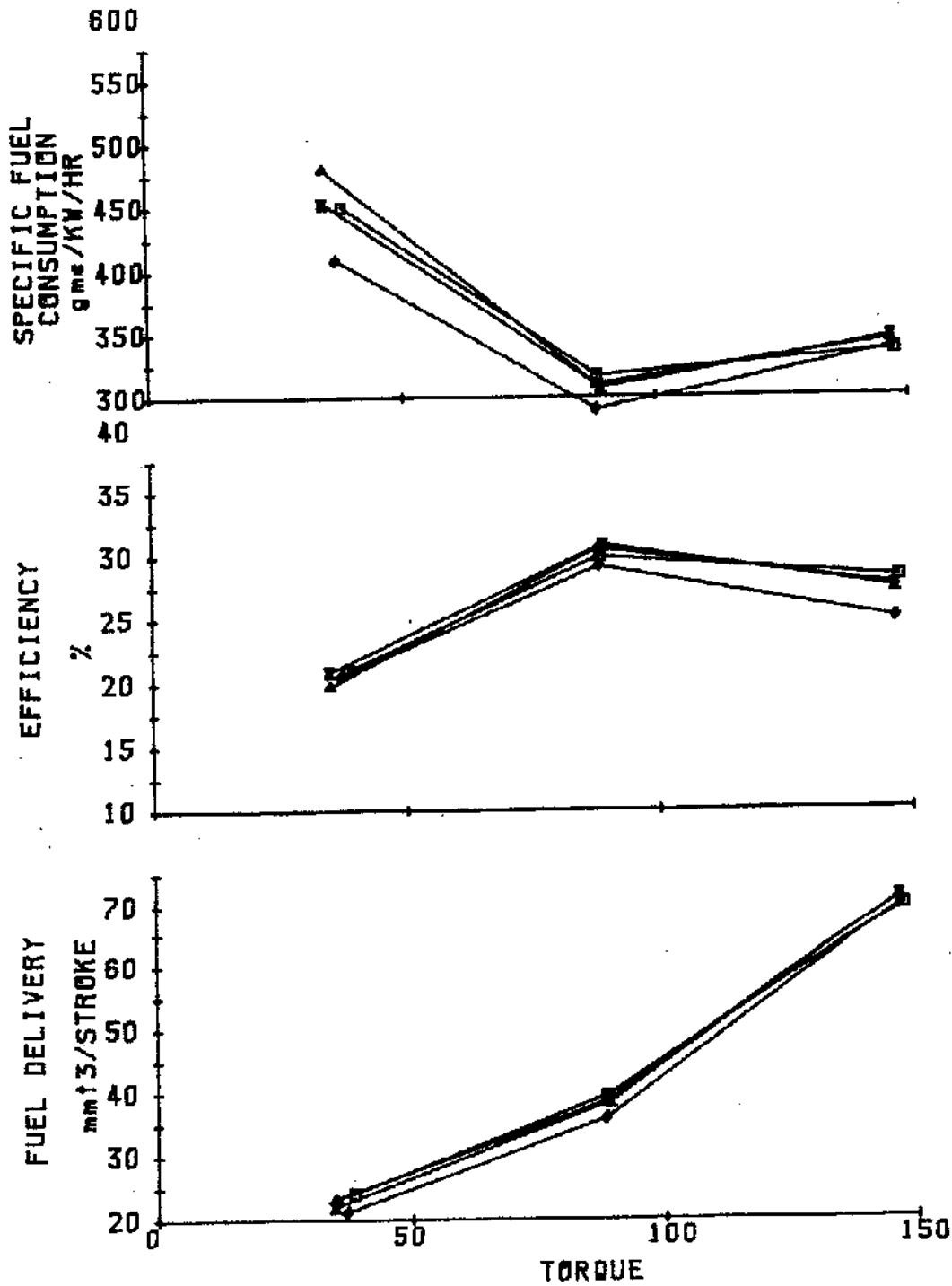
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> • DIST 100 ■ E20 ▲ E20/2.6TEGDN × E20/5.2TEGDN 1400 R.P.M.
EFFECT OF TEGDN ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP46	



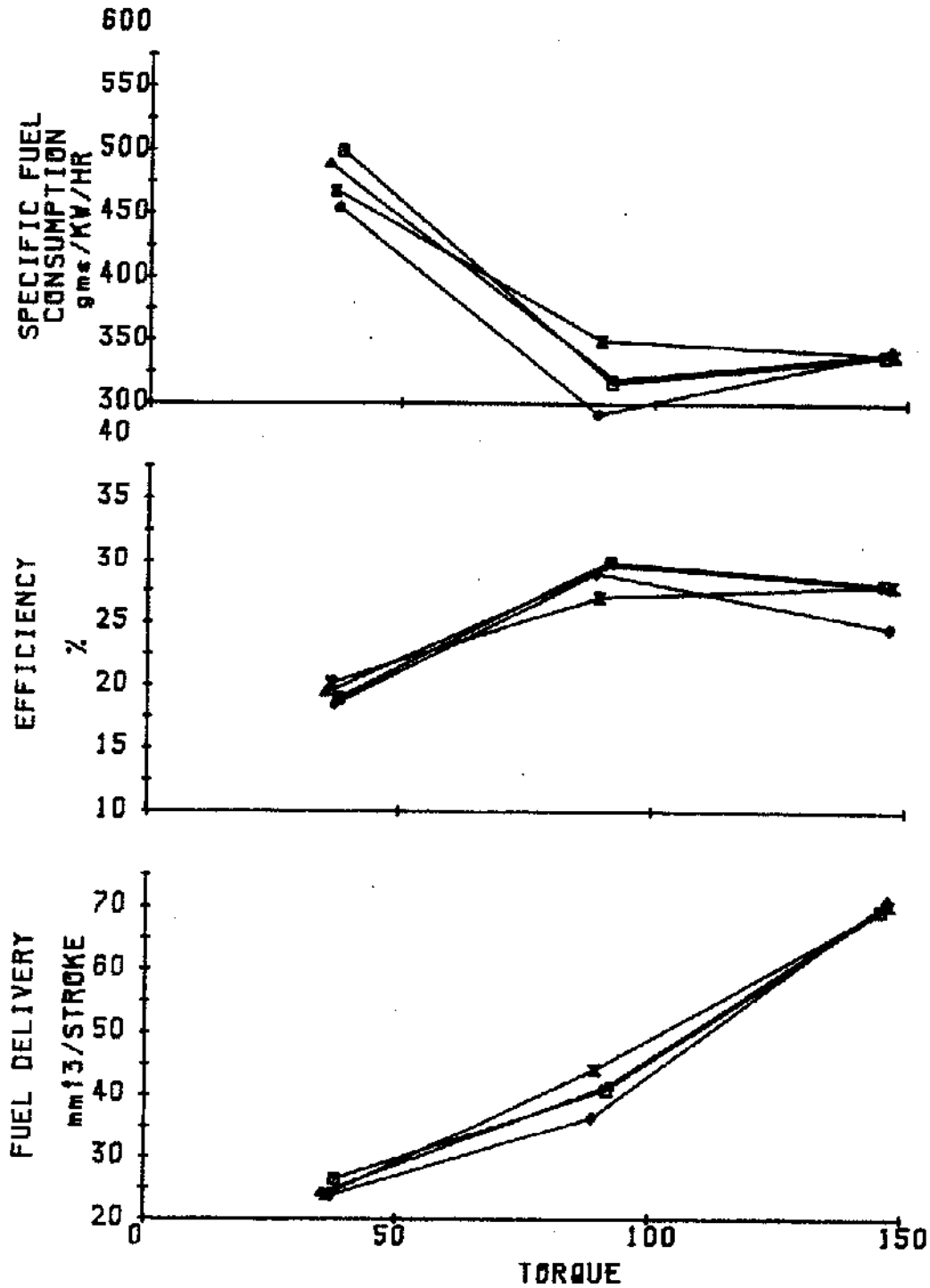
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> ◆ DIST 100 ■ E20 ▲ E20/2.6TEGDN × E20/5.2TEGDN
EFFECT OF TEGDN ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP47	



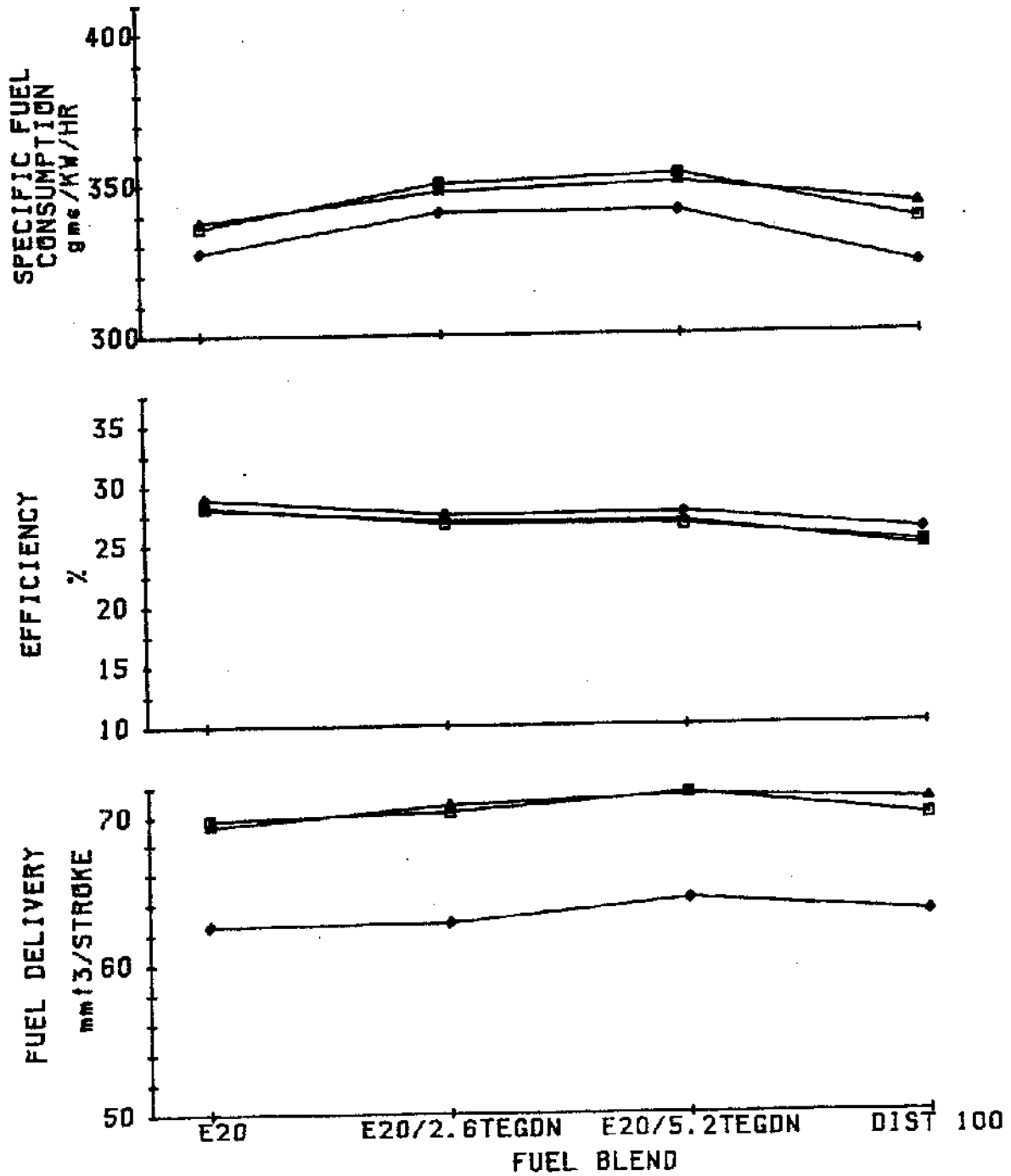
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> ◆ DIST 100 ■ E20 ▲ E20/.210N ⊠ E20/.410N
EFFECT OF ION ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP48	



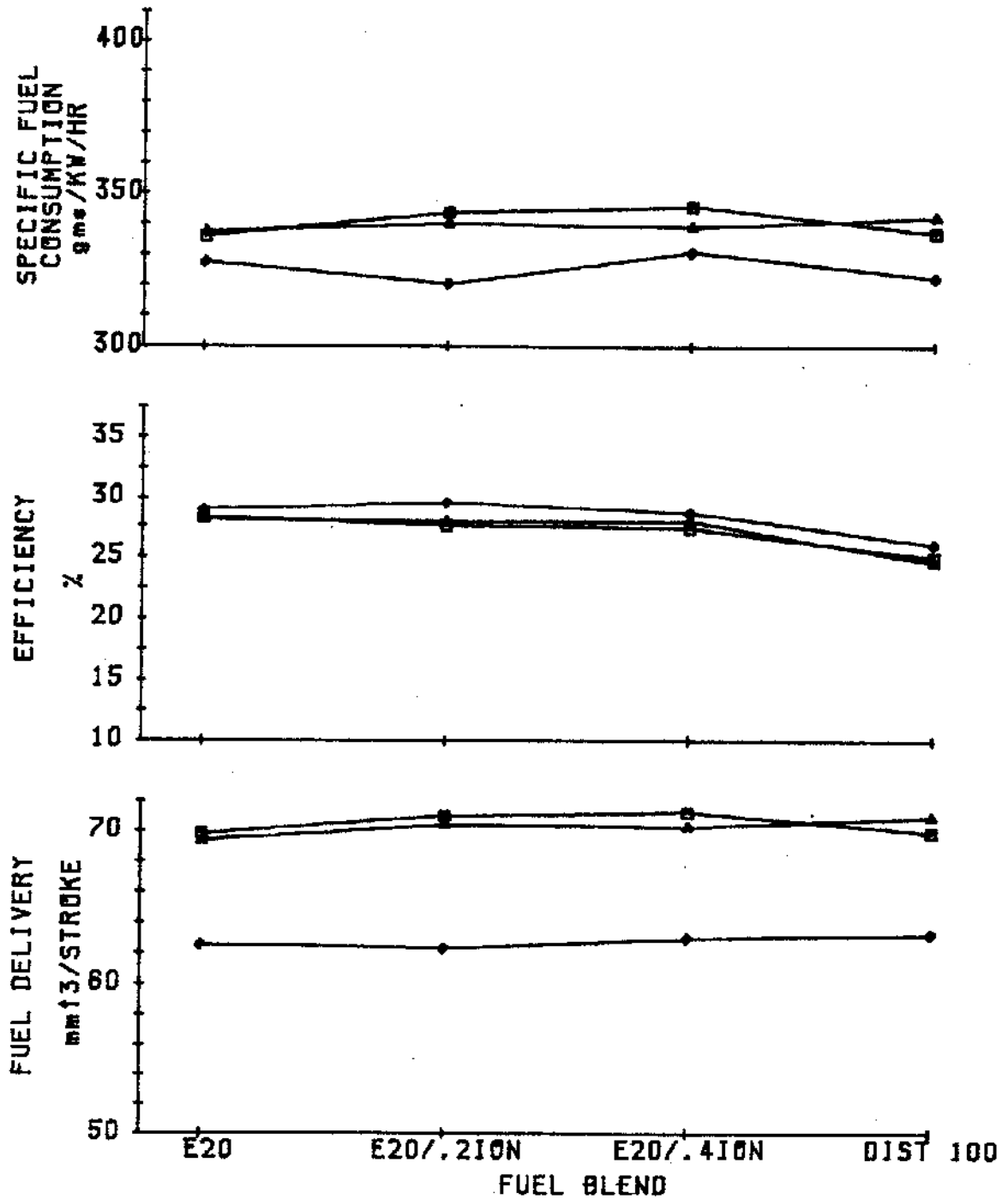
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> • DIST 100 ■ E20 ▲ E20/.210N × E20/.410N
EFFECT OF ION ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG RP49	



ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E20 ▲ E20/.210N × E20/.410N 600 R.P.M.
EFFECT OF ION ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP50	



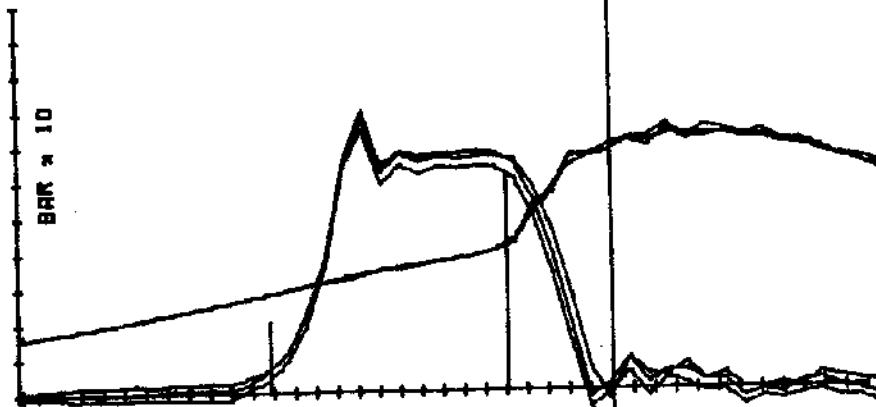
ENGINE : FORD 3000 CAPACITY: 2860	◆ 2000 R.P.M. ■ 1400 R.P.M. ▲ 800 R.P.M.
EFFECT OF TEGDN ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	FULL LOAD
	FIG AP51



ENGINE : FORD 3000 CAPACITY: 2880	• 2000 R.P.M. ■ 1400 R.P.M. ▲ 600 R.P.M.
EFFECT OF ION ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	FULL LOAD
	FIG AP52



AVERAGE
 TORQUE : 35
 R.P.M. : 2044
 START OF
 INJN. : 13.2
 COMBN. : 1.4
 DELAY
 DEGREES : 11.8
 MS : .865
 MAXIMUM
 PRESSURE: 60.1
 RATE : 5.5
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 187



AVERAGE
 TORQUE : 90
 R.P.M. : 2050
 START OF
 INJN. : 16.2
 COMBN. : 5
 DELAY
 DEGREES : 11.2
 MS : .812
 MAXIMUM
 PRESSURE: 73.4
 RATE : 9.1
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 279



AVERAGE
 TORQUE : 145
 R.P.M. : 2054
 START OF
 INJN. : 21.2
 COMBN. : 8.5
 DELAY
 DEGREES : 11.7
 MS : .852
 MAXIMUM
 PRESSURE: 95.4
 RATE : 14
 TEMPERATURES
 AIR INLET: 31
 EXHAUST : 420

DEGREES T.D.C.

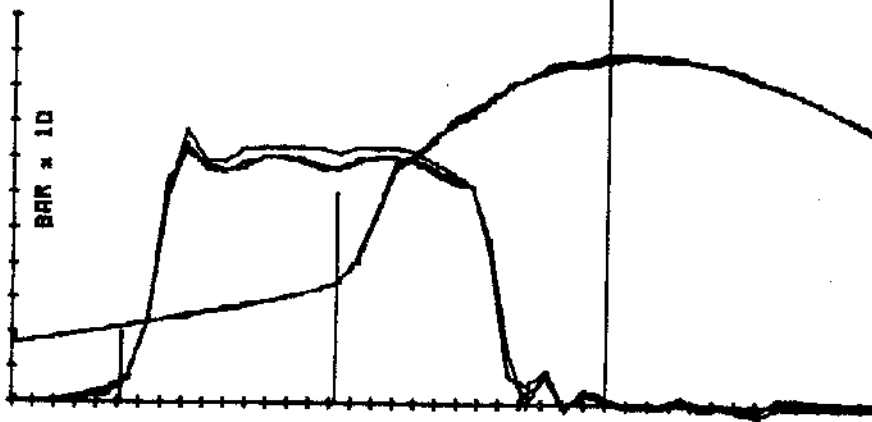
ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UN10010	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP53	



AVERAGE
 TORQUE : 38
 R.P.M. : 1438
 START OF
 INJN. : 14.8
 COMON. : 5.8
 DELAY
 DEGREES : 8.3
 MS : 1.061
 MAXIMUM
 PRESSURE: 63.2
 RATE : 7.5
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 151



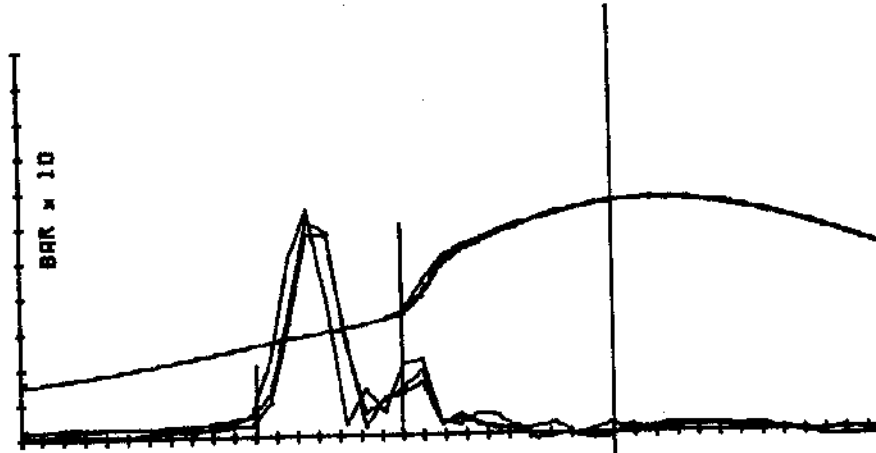
AVERAGE
 TORQUE : 68
 R.P.M. : 1447
 START OF
 INJN. : 17.8
 COMON. : 8.8
 DELAY
 DEGREES : 8
 MS : 1.038
 MAXIMUM
 PRESSURE: 78
 RATE : 8.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 225



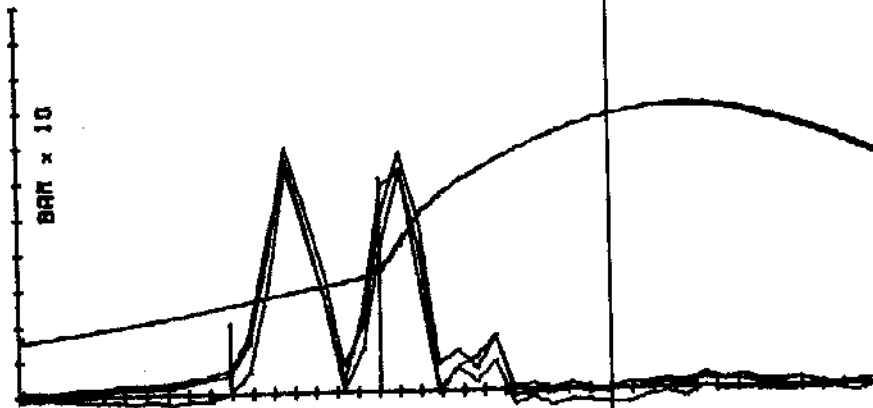
AVERAGE
 TORQUE : 154
 R.P.M. : 1432
 START OF
 INJN. : 22.8
 COMON. : 12.8
 DELAY
 DEGREES : 10
 MS : 1.173
 MAXIMUM
 PRESSURE: 88.5
 RATE : 14.1
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 405

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UN10010	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP54	



AVERAGE
 TORQUE : 37
 R.P.M. : 813
 START OF
 INJN. : 18.9
 COMBN. : 10
 DELAY
 DEGREES : 6.8
 MS : 1.371
 MAXIMUM
 PRESSURE: 66.4
 RATE : 6.4
 TEMPERATURES
 AIR INLET: 26
 EXHAUST : 138



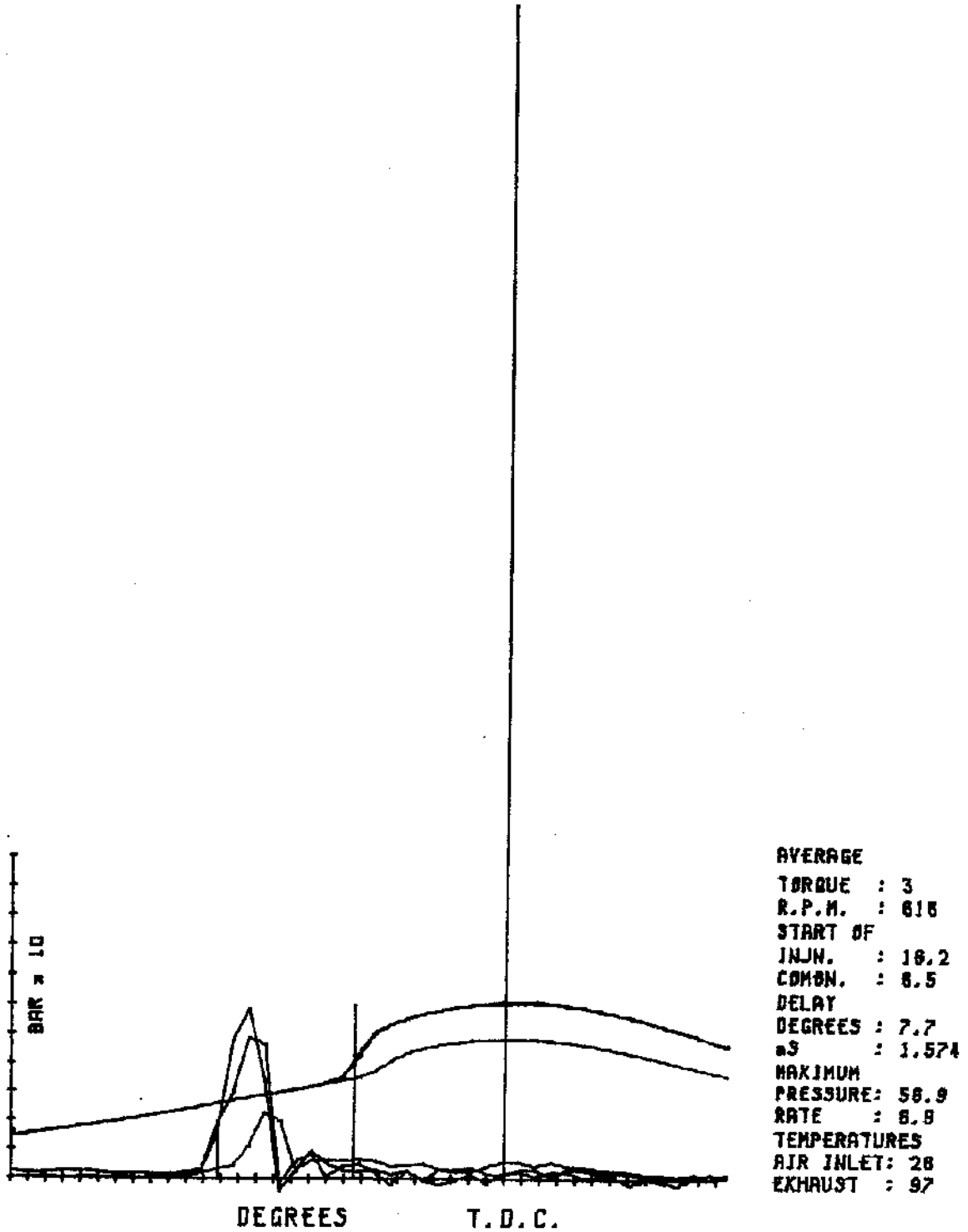
AVERAGE
 TORQUE : 90
 R.P.M. : 833
 START OF
 INJN. : 18
 COMBN. : 11
 DELAY
 DEGREES : 7
 MS : 1.418
 MAXIMUM
 PRESSURE: 79.8
 RATE : 6.2
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 200



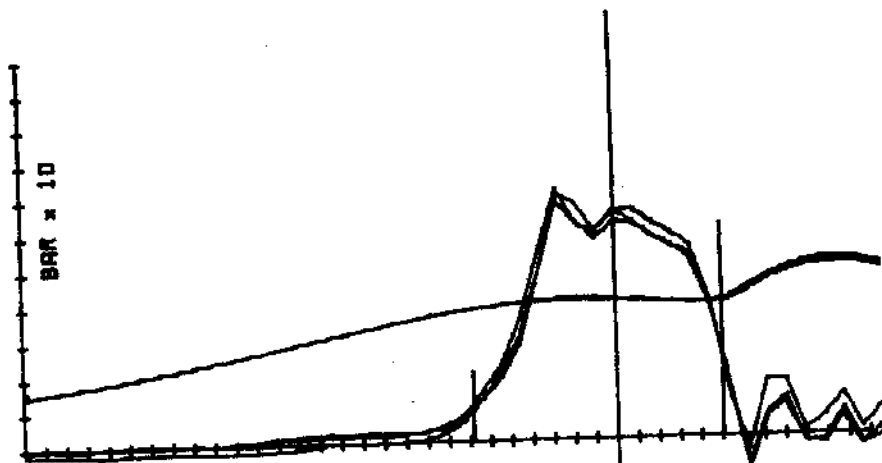
AVERAGE
 TORQUE : 158
 R.P.M. : 844
 START OF
 INJN. : 20.1
 COMBN. : 12.7
 DELAY
 DEGREES : 7.4
 MS : 1.453
 MAXIMUM
 PRESSURE: 85.7
 RATE : 10.9
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 327

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2880	C.V. : 42.75
TEST ID. : UN10010	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP55	



ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UN10010	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP56	



AVERAGE
 TORQUE : 37
 R.P.M. : 2030
 START OF
 INJN. : 8.8
 COMBN. : -5.1
 DELAY
 DEGREES : 11.8
 MS : .977
 MAXIMUM
 PRESSURE: 49.3
 RATE : 3
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 200



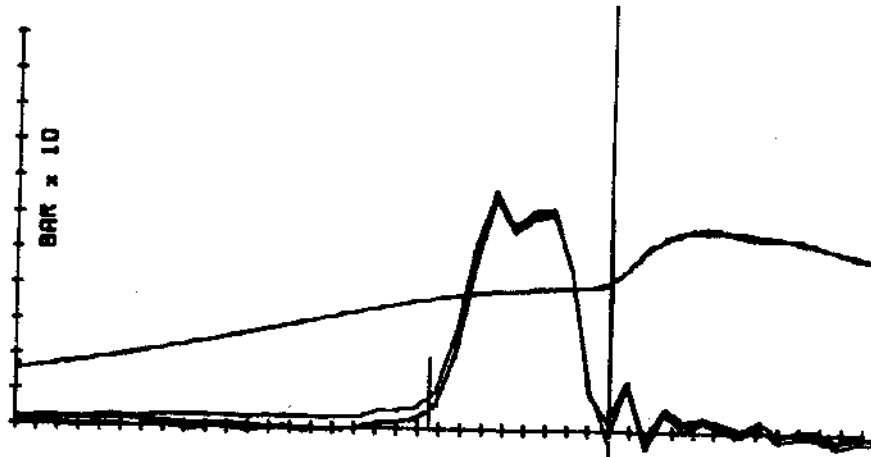
AVERAGE
 TORQUE : 69
 R.P.M. : 2050
 START OF
 INJN. : 9.2
 COMBN. : -1.4
 DELAY
 DEGREES : 10.6
 MS : .865
 MAXIMUM
 PRESSURE: 60.3
 RATE : 6.4
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 276



AVERAGE
 TORQUE : 153
 R.P.M. : 2052
 START OF
 INJN. : 14.2
 COMBN. : 4.6
 DELAY
 DEGREES : 8.6
 MS : .777
 MAXIMUM
 PRESSURE: 81.5
 RATE : 10.1
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 424

DEGREES T.D.C.

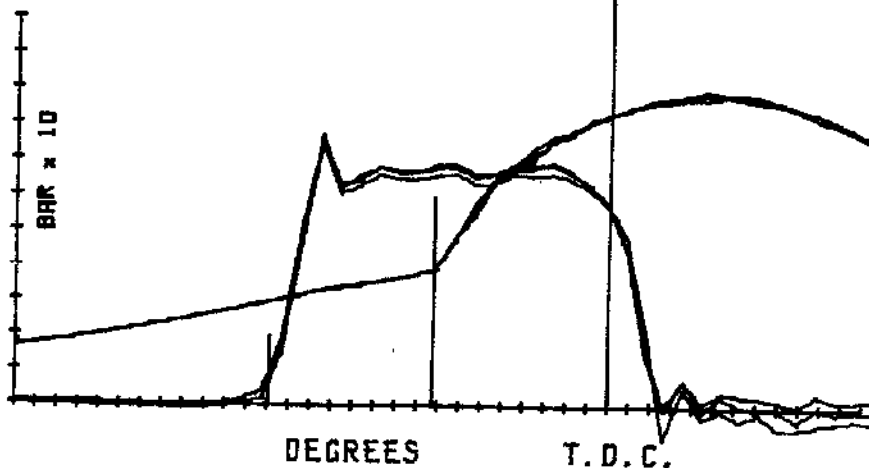
ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID012	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP57	



AVERAGE
 TORQUE : 30
 R.P.M. : 1428
 START OF
 INJN. : 8.4
 COMBN. : -1
 DELAY
 DEGREES : 6.5
 MS : .895
 MAXIMUM
 PRESSURE: 56.6
 RATE : 6.1
 TEMPERATURES
 AIR INLET: 26
 EXHAUST : 154

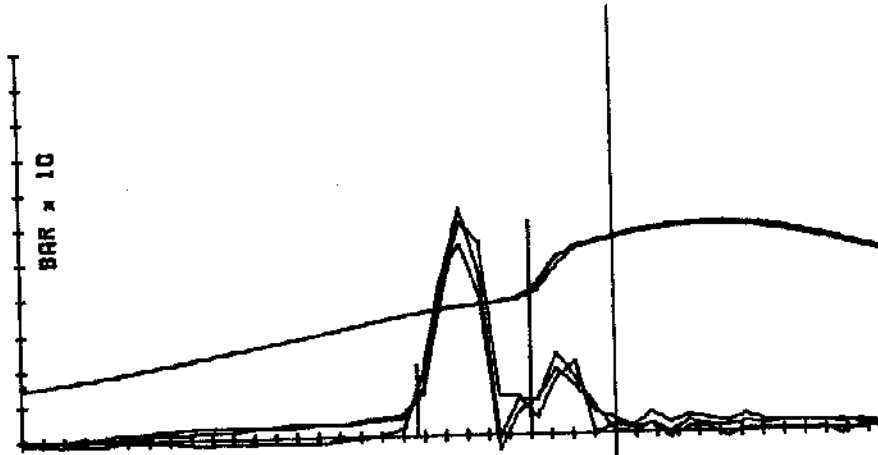


AVERAGE
 TORQUE : 69
 R.P.M. : 1450
 START OF
 INJN. : 10.8
 COMBN. : 2.9
 DELAY
 DEGREES : 8
 MS : .918
 MAXIMUM
 PRESSURE: 66.8
 RATE : 7.4
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 229

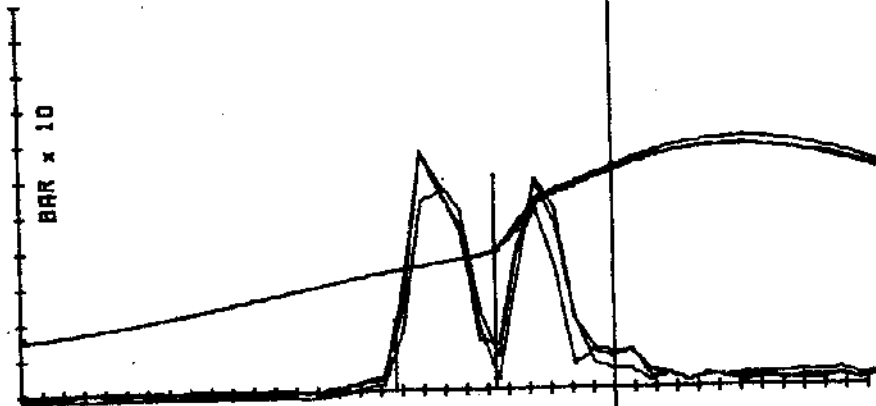


AVERAGE
 TORQUE : 106
 R.P.M. : 1428
 START OF
 INJN. : 15.8
 COMBN. : 8.2
 DELAY
 DEGREES : 7.7
 MS : .899
 MAXIMUM
 PRESSURE: 89.8
 RATE : 9.8
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 408

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UN10012	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP58	



AVERAGE
 TORQUE : 34
 R.P.M. : 796
 START OF
 INJN. : 9.3
 COMON. : 4
 DELAY
 DEGREES : 5.3
 MS : 1.12
 MAXIMUM
 PRESSURE: 58.2
 RATE : 6.8
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 129



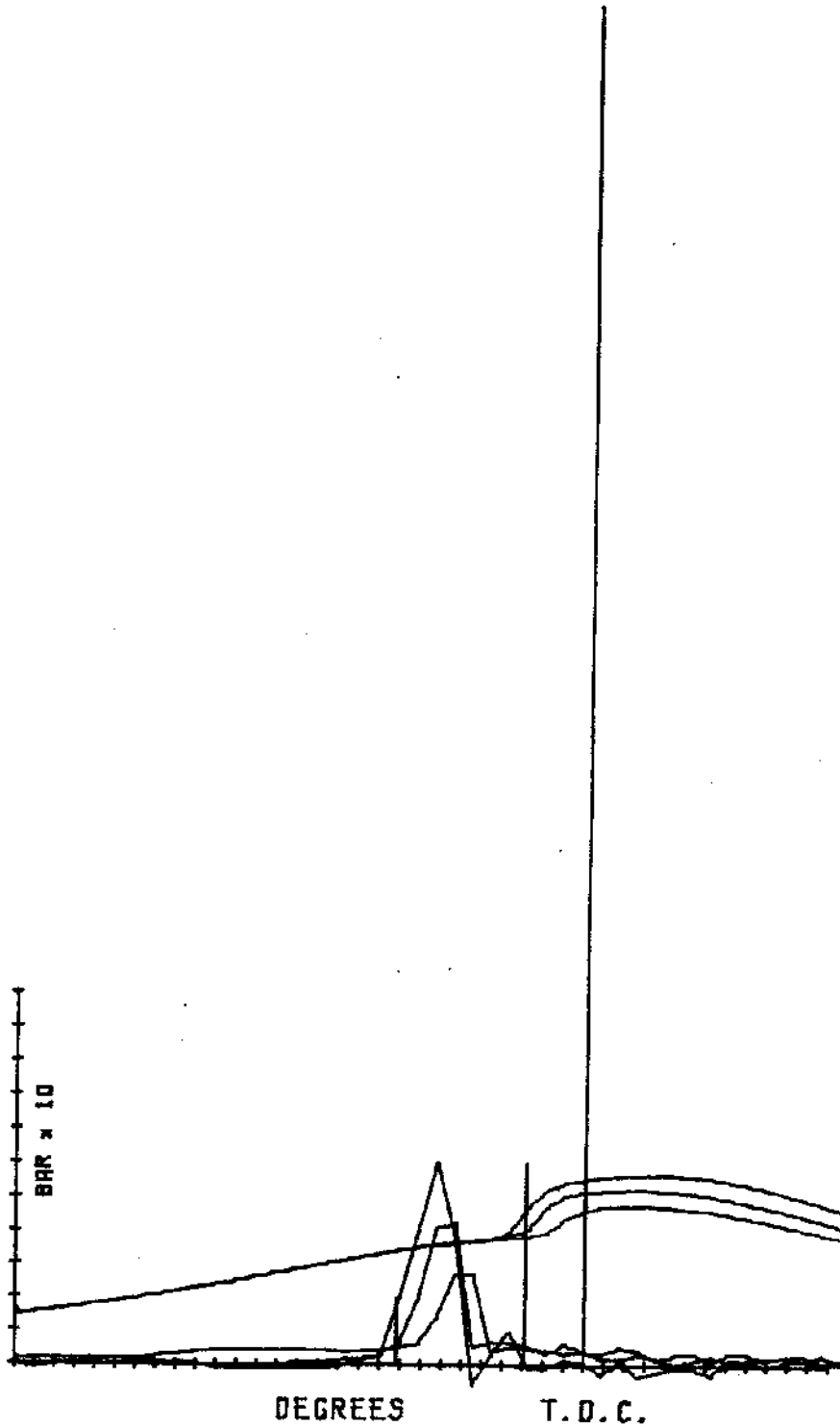
AVERAGE
 TORQUE : 95
 R.P.M. : 812
 START OF
 INJN. : 10.3
 COMON. : 5.6
 DELAY
 DEGREES : 4.7
 MS : .977
 MAXIMUM
 PRESSURE: 69.1
 RATE : 7.4
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 199



AVERAGE
 TORQUE : 185
 R.P.M. : 825
 START OF
 INJN. : 10.2
 COMON. : 5.6
 DELAY
 DEGREES : 4.6
 MS : .948
 MAXIMUM
 PRESSURE: 79.9
 RATE : 6.3
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 319

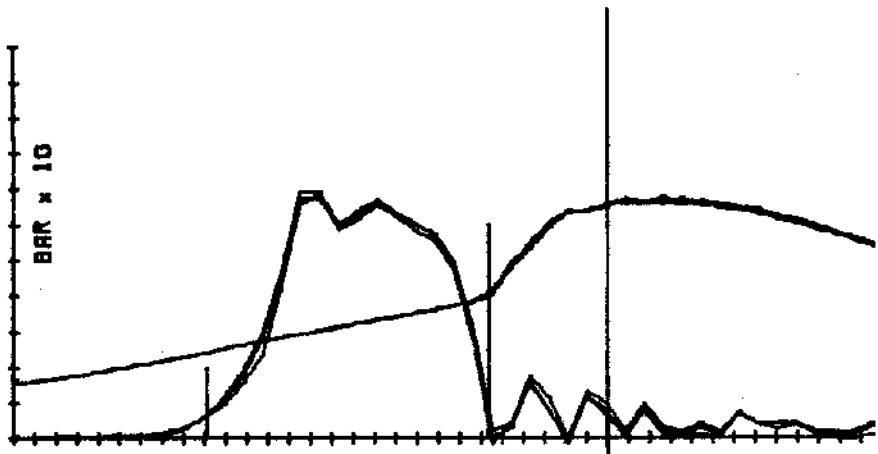
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID012	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP59	



AVERAGE
 TORQUE : 3
 R.P.M. : 828
 START OF
 INJN. : 9.2
 COMBN. : 2.9
 DELAY
 DEGREES : 6.3
 MS : 1.268
 MAXIMUM
 PRESSURE: 52.3
 RATE : 5.7
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 94

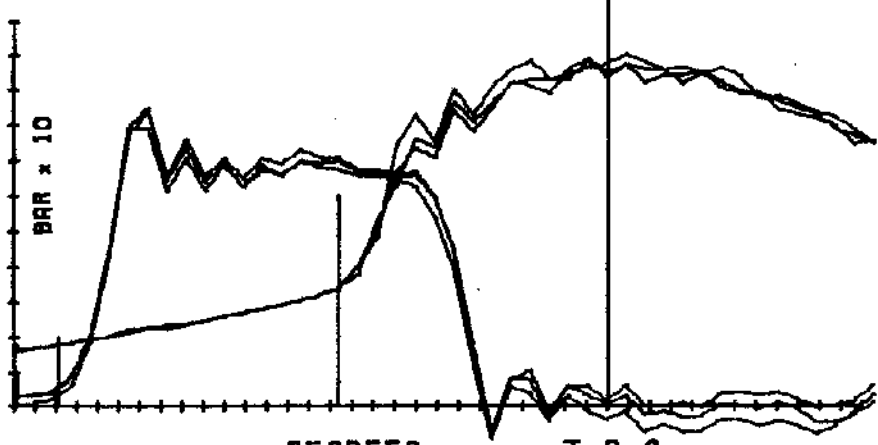
ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2660	C.V. : 42.75
TEST ID. : UNID012	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP60	



AVERAGE
 TORQUE : 37
 R.P.M. : 2046
 START OF
 INJN. : 18.8
 COMBN. : 5.6
 DELAY
 DEGREES : 13.3
 MS : 1.081
 MAXIMUM
 PRESSURE: 86.9
 RATE : 7.5
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 183

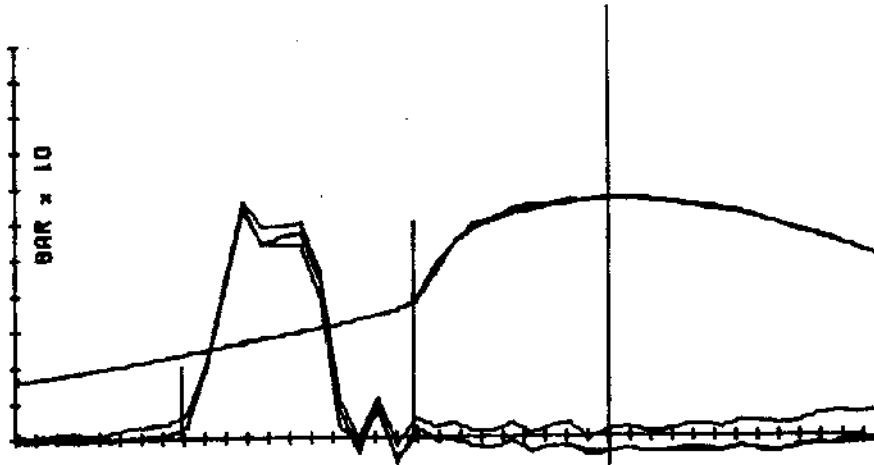


AVERAGE
 TORQUE : 92
 R.P.M. : 2050
 START OF
 INJN. : 21.6
 COMBN. : 9.1
 DELAY
 DEGREES : 12.5
 MS : 1.013
 MAXIMUM
 PRESSURE: 80.3
 RATE : 11.2
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 297



AVERAGE
 TORQUE : 130
 R.P.M. : 2050
 START OF
 INJN. : 25.9
 COMBN. : 12.7
 DELAY
 DEGREES : 13.2
 MS : 1.073
 MAXIMUM
 PRESSURE: 89.5
 RATE : 18.6
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 410

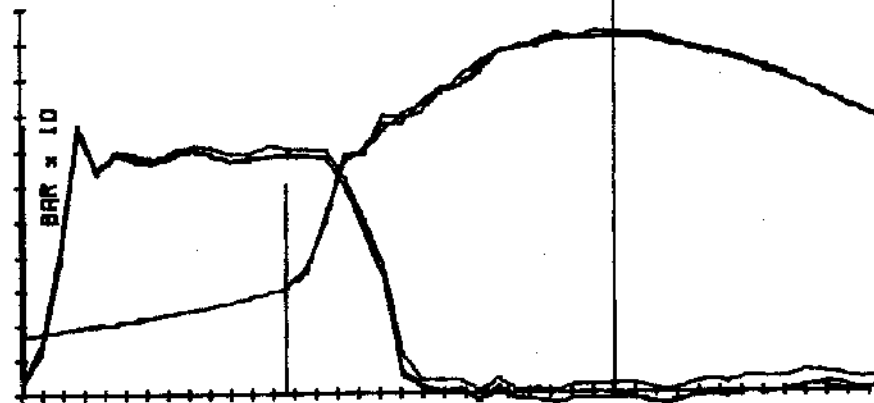
ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID011	DENSITY : .649
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP61	



AVERAGE
 TORQUE : 34
 R.P.M. : 1425
 START OF
 INJN. : 20.1
 COMB. : 9.1
 DELAY
 DEGREES : 11
 MS : 1.283
 MAXIMUM
 PRESSURE: 88.8
 RATE : 8.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 151



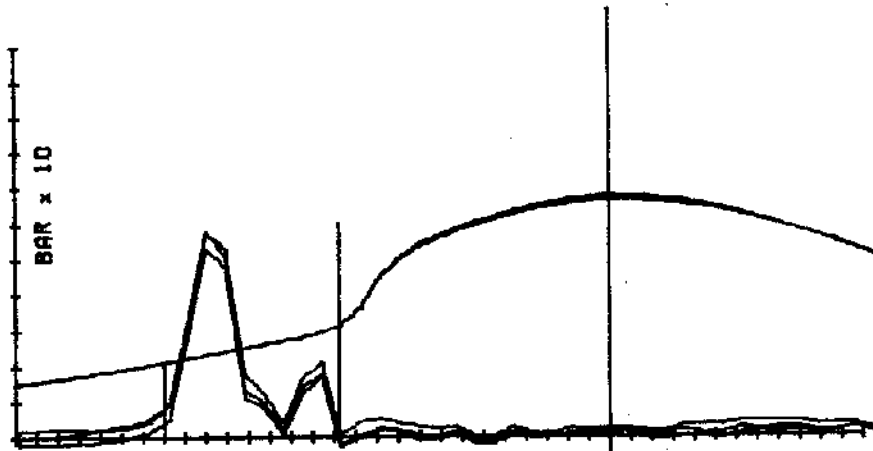
AVERAGE
 TORQUE : 81
 R.P.M. : 1432
 START OF
 INJN. : 24
 COMB. : 12.7
 DELAY
 DEGREES : 11.3
 MS : 1.308
 MAXIMUM
 PRESSURE: 85.2
 RATE : 12.7
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 239



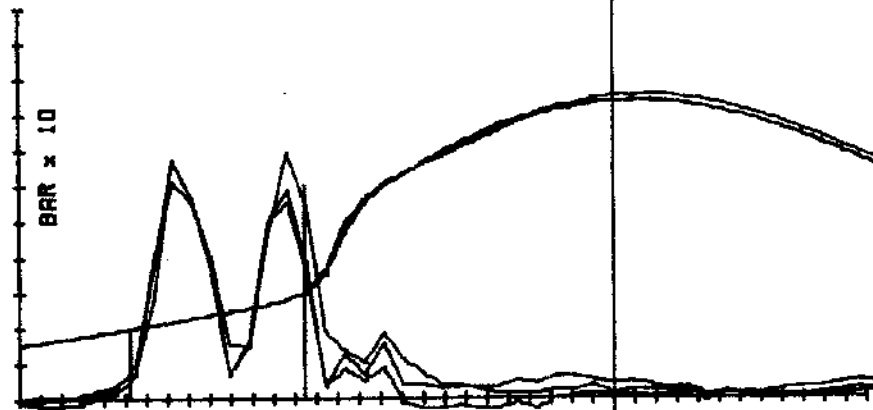
AVERAGE
 TORQUE : 142
 R.P.M. : 1434
 START OF
 INJN. : 27.9
 COMB. : 15.4
 DELAY
 DEGREES : 12.5
 MS : 1.449
 MAXIMUM
 PRESSURE: 102.7
 RATE : 17.2
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 397

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UN10011	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP62	



AVERAGE
 TORQUE : 36
 R.P.M. : 821
 START OF
 INJN. : 21
 COMBN. : 12.7
 DELAY
 DEGREES : 6.3
 MS : 1.677
 MAXIMUM
 PRESSURE: 67.2
 RATE : 6.2
 TEMPERATURES
 AIR INLET: 26
 EXHAUST : 128



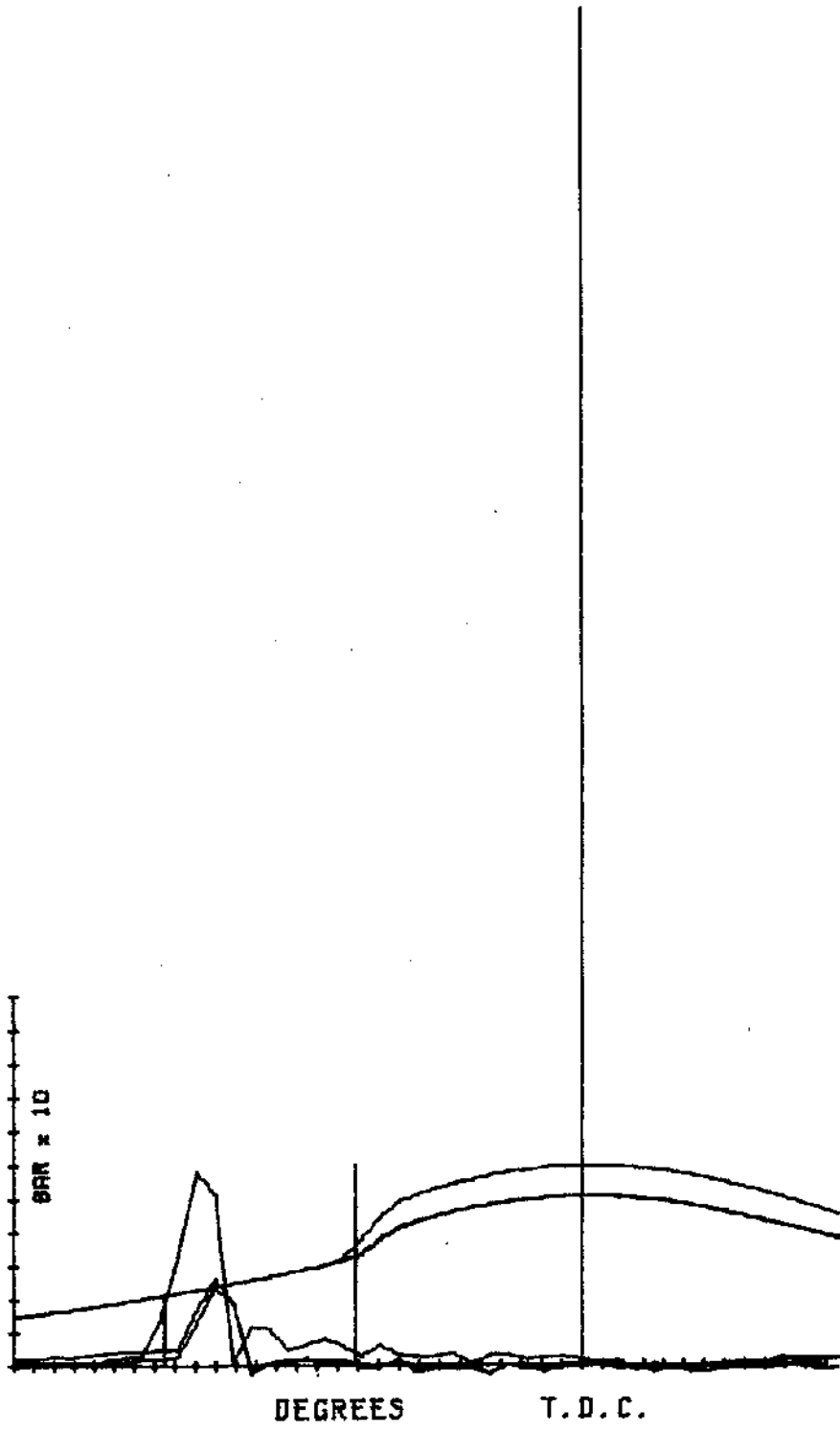
AVERAGE
 TORQUE : 90
 R.P.M. : 815
 START OF
 INJN. : 22.6
 COMBN. : 14.6
 DELAY
 DEGREES : 6.2
 MS : 1.684
 MAXIMUM
 PRESSURE: 84.2
 RATE : 12.1
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 212



AVERAGE
 TORQUE : 146
 R.P.M. : 826
 START OF
 INJN. : 22.5
 COMBN. : 14.6
 DELAY
 DEGREES : 7.9
 MS : 1.589
 MAXIMUM
 PRESSURE: 96.7
 RATE : 12.4
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 324

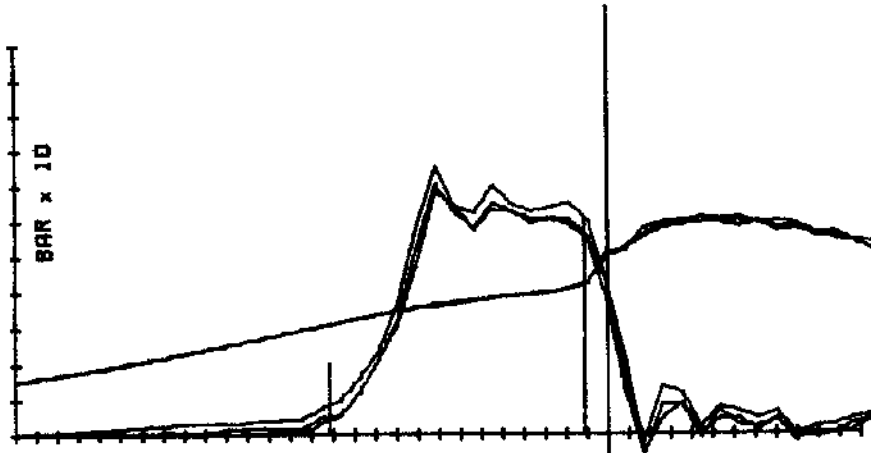
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2660	C.V. : 42.75
TEST ID. : UNID011	DENSITY : .649
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP63	

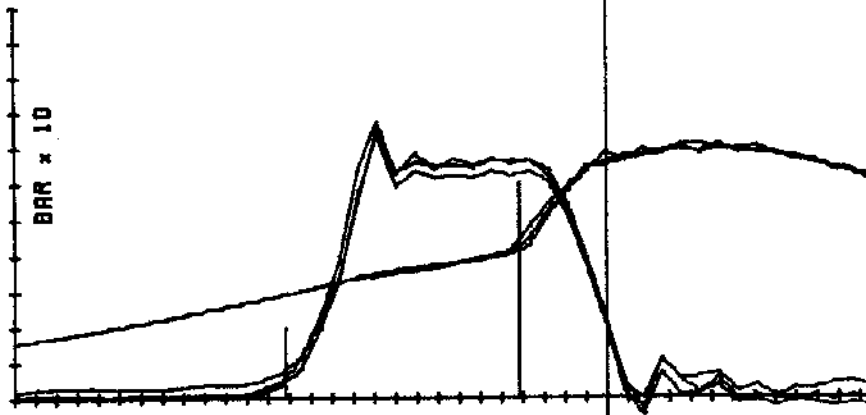


AVERAGE
 TORQUE : 3
 R.P.M. : 628
 START OF
 INJN. : 20.5
 COMON. : 11.1
 DELAY
 DEGREES : 9.4
 MS : 1.898
 MAXIMUM
 PRESSURE: 52.4
 RATE : 4.8
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 99

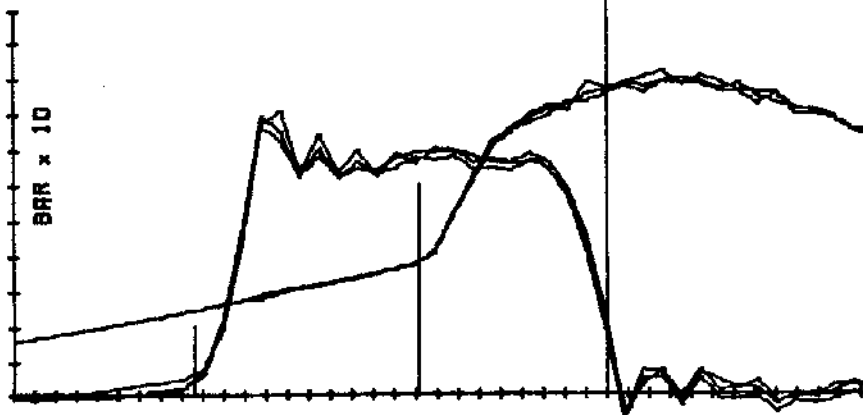
ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITT : 2860	C.V. : 42.75
TEST ID. : UNID011	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG RP64	



AVERAGE
 TORQUE : 36
 R.P.M. : 2032
 START OF
 INJN. : 13.2
 COMB. : 1.1
 DELAY
 DEGREES : 12.1
 ΔS : .994
 MAXIMUM
 PRESSURE: 80.1
 RATE : 6.9
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 188



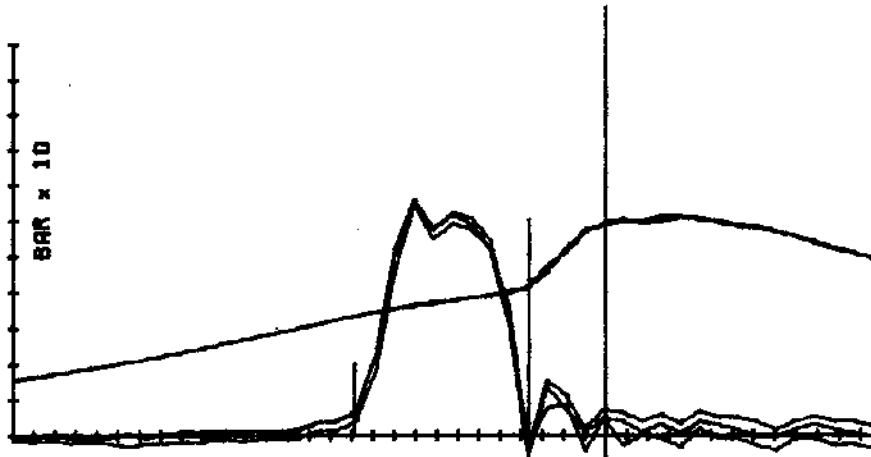
AVERAGE
 TORQUE : 68
 R.P.M. : 2038
 START OF
 INJN. : 15.2
 COMB. : 4.1
 DELAY
 DEGREES : 11.1
 ΔS : .906
 MAXIMUM
 PRESSURE: 71.2
 RATE : 8.8
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 275



AVERAGE
 TORQUE : 140
 R.P.M. : 2026
 START OF
 INJN. : 19.4
 COMB. : 6.9
 DELAY
 DEGREES : 10.5
 ΔS : .868
 MAXIMUM
 PRESSURE: 90.8
 RATE : 12.4
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 381

DEGREES T.D.C.

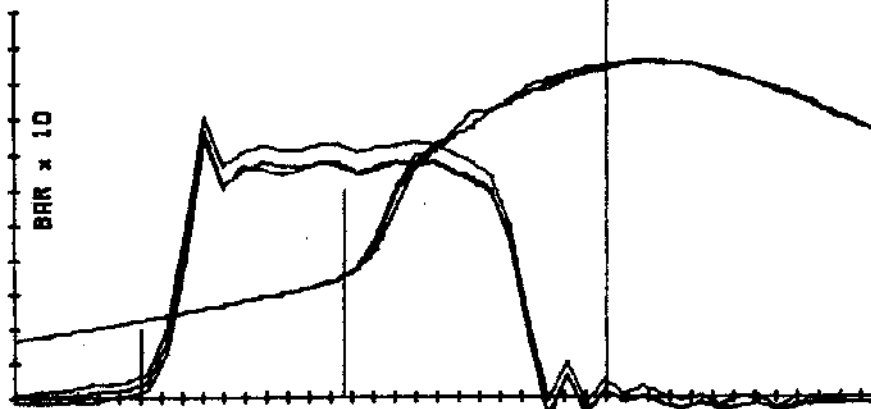
ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2680	C.V. : 38.35
TEST ID. : UNID014	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP65	



AVERAGE
 TORQUE : 35
 R.P.M. : 1440
 START OF
 INJN. : 11.8
 COMBN. : 3.6
 DELAY
 DEGREES : 8.3
 μS : .86
 MAXIMUM
 PRESSURE: 60.5
 RATE : 6.2
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 148



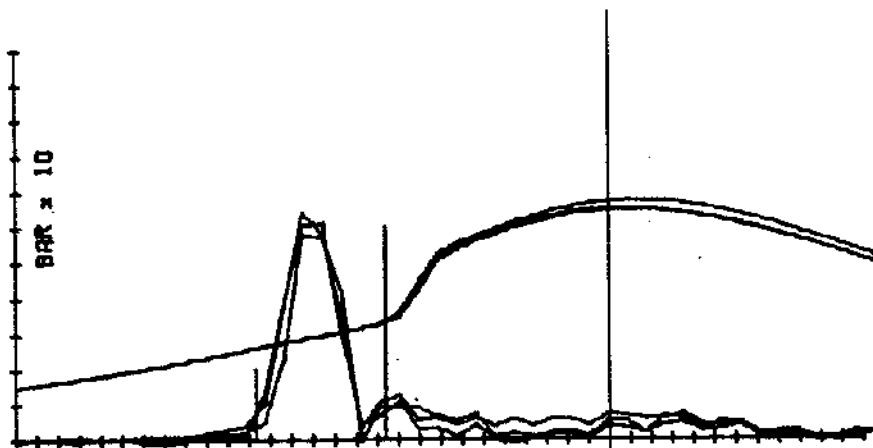
AVERAGE
 TORQUE : 85
 R.P.M. : 1445
 START OF
 INJN. : 17.5
 COMBN. : 6.3
 DELAY
 DEGREES : 9.2
 μS : 1.086
 MAXIMUM
 PRESSURE: 78.7
 RATE : 6.9
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 222



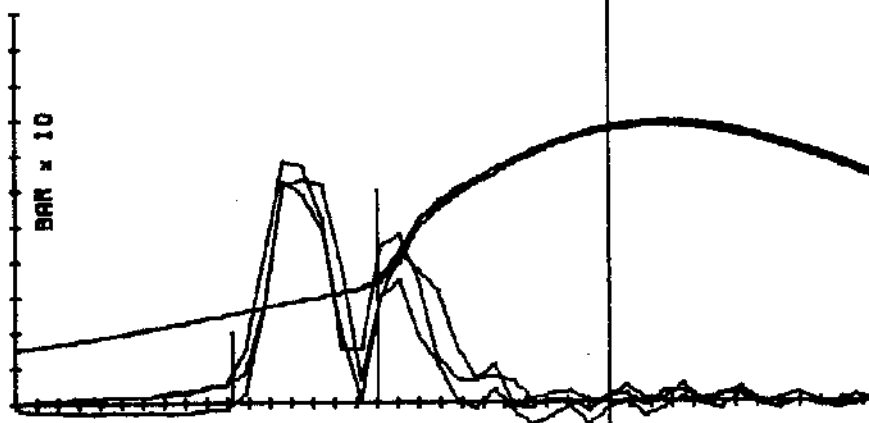
AVERAGE
 TORQUE : 152
 R.P.M. : 1434
 START OF
 INJN. : 22
 COMBN. : 12.4
 DELAY
 DEGREES : 9.6
 μS : 1.115
 MAXIMUM
 PRESSURE: 95.9
 RATE : 13.5
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 372

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2860	C.V. : 38.35
TEST ID. : UN10014	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP66	



AVERAGE
 TORQUE : 34
 R.P.M. : 807
 START OF
 INJN. : 16.7
 COMBN. : 10.6
 DELAY
 DEGREES : 6.1
 MS : 1.264
 MAXIMUM
 PRESSURE: 66.5
 RATE : 8.5
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 131



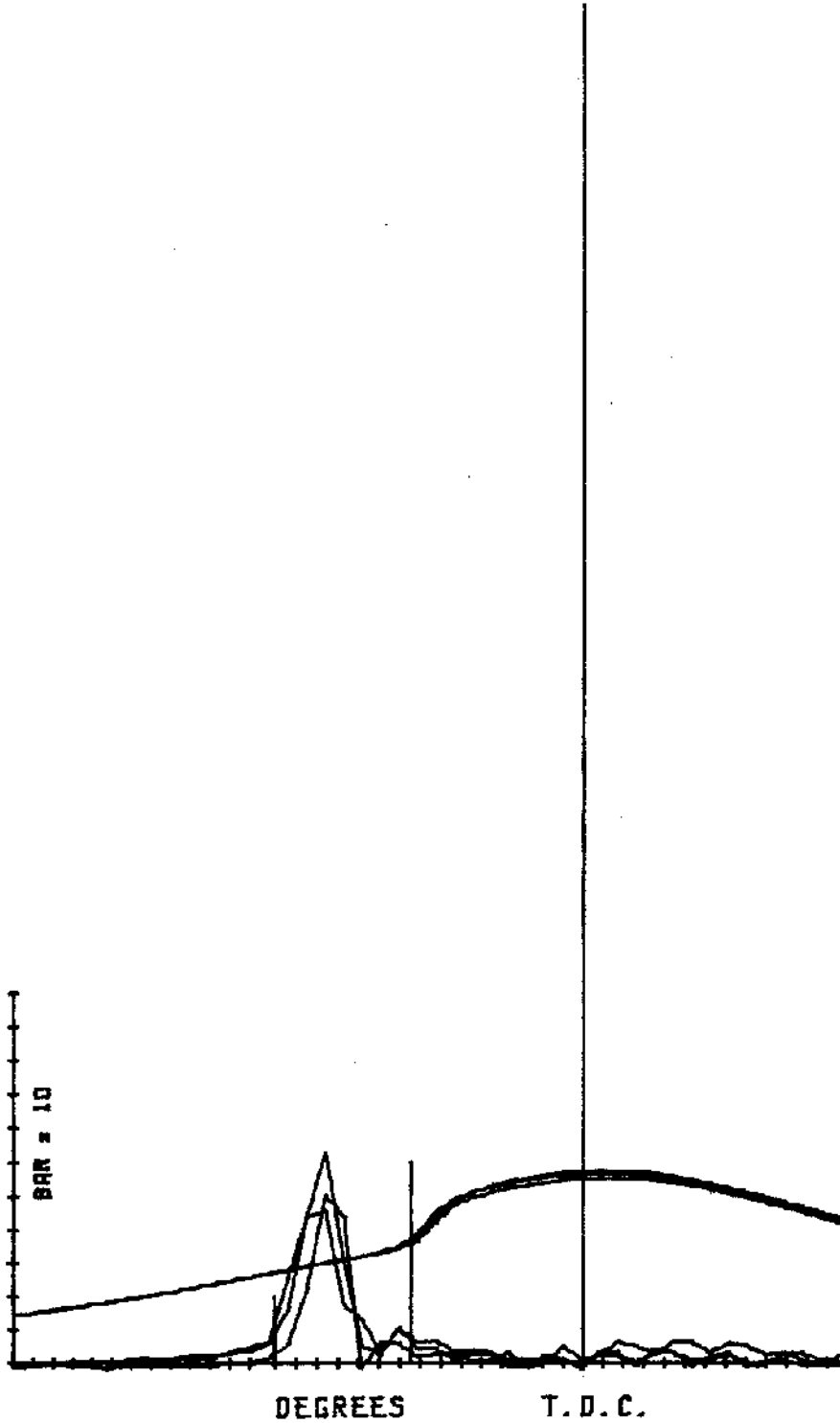
AVERAGE
 TORQUE : 88
 R.P.M. : 818
 START OF
 INJN. : 17.8
 COMBN. : 11
 DELAY
 DEGREES : 6.8
 MS : 1.39
 MAXIMUM
 PRESSURE: 78.9
 RATE : 8.4
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 192



AVERAGE
 TORQUE : 149
 R.P.M. : 833
 START OF
 INJN. : 17.2
 COMBN. : 11
 DELAY
 DEGREES : 6.2
 MS : 1.243
 MAXIMUM
 PRESSURE: 90.8
 RATE : 9.4
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 305

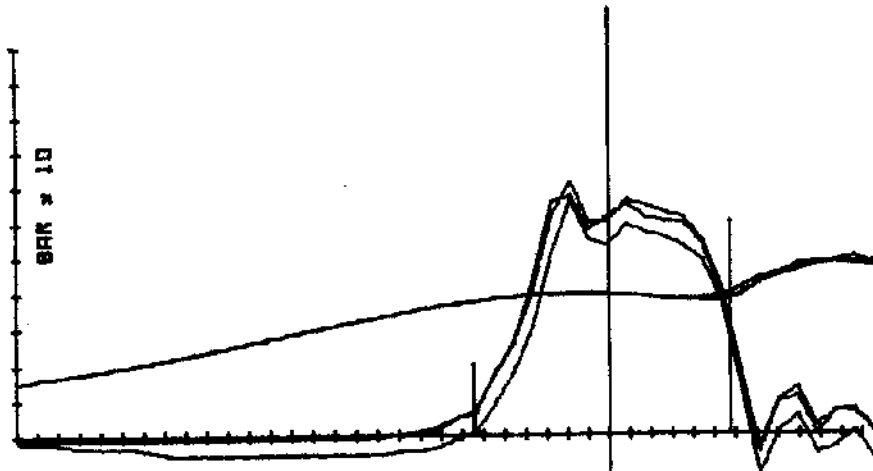
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2660	C.V. : 38.35
TEST ID. : UNID014	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP67	

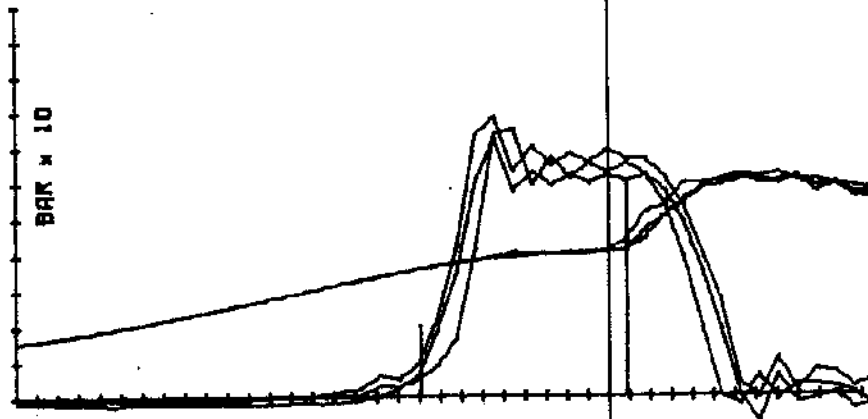


AVERAGE
 TORQUE : 3
 R.P.M. : 818
 START OF
 INJN. : 15.1
 COMMON. : 8.5
 DELAY
 DEGREES : 8.0
 MS : 1.355
MAXIMUM
 PRESSURE: 58.1
 RATE : 8.4
TEMPERATURES
 AIR INLET: 27
 EXHAUST : 88

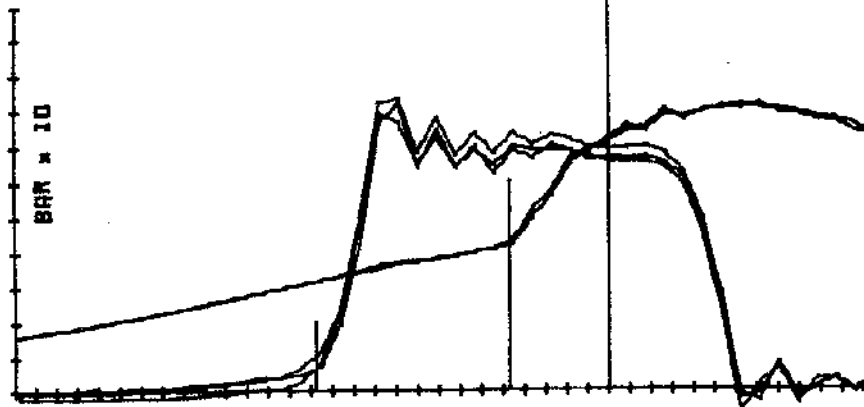
ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2860	C.V. : 38.35
TEST ID. : UNID014	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP68	



AVERAGE
 TORQUE : 33
 R.P.M. : 2044
 START OF
 INJN. : 6.4
 COMBN. : -5.6
 DELAY
 DEGREES : 12.2
 MS : .995
 MAXIMUM
 PRESSURE: 46.7
 RATE : 3.3
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 180



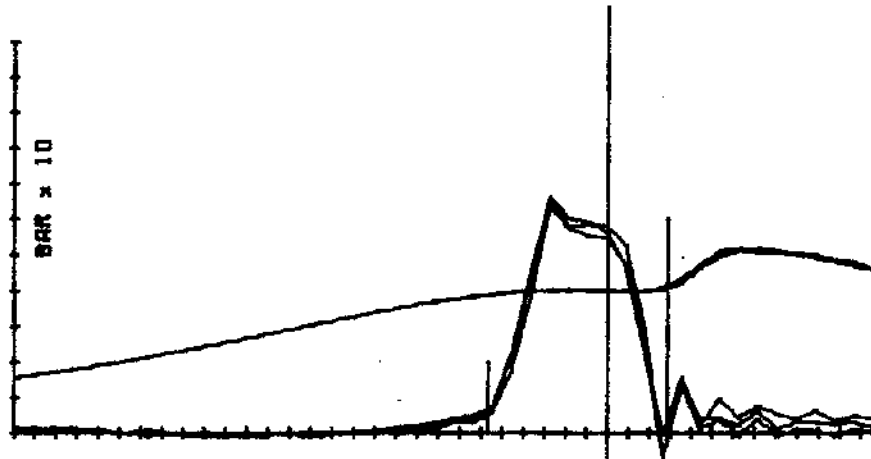
AVERAGE
 TORQUE : 87
 R.P.M. : 2042
 START OF
 INJN. : 8
 COMBN. : -1.9
 DELAY
 DEGREES : 9.9
 MS : .803
 MAXIMUM
 PRESSURE: 61.3
 RATE : 5.9
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 277



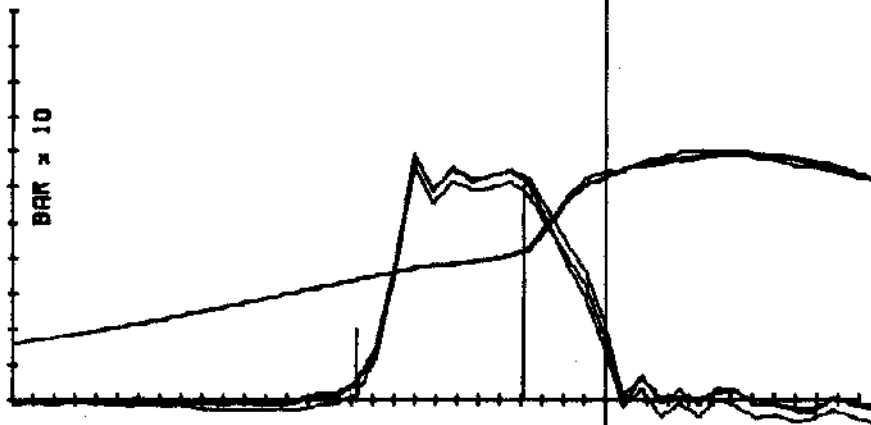
AVERAGE
 TORQUE : 148
 R.P.M. : 2030
 START OF
 INJN. : 13.8
 COMBN. : 4.7
 DELAY
 DEGREES : 8.1
 MS : .75
 MAXIMUM
 PRESSURE: 81.5
 RATE : 9.4
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 378

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2860	C.V. : 38.35
TEST ID. : UNJ0013	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP69	



AVERAGE
 TORQUE : 34
 R.P.M. : 1432
 START OF
 INJN. : 5.8
 COMBN. : -2.8
 DELAY
 DEGREES : 8.5
 MS : .881
 MAXIMUM
 PRESSURE: 51.8
 RATE : 4.1
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 150



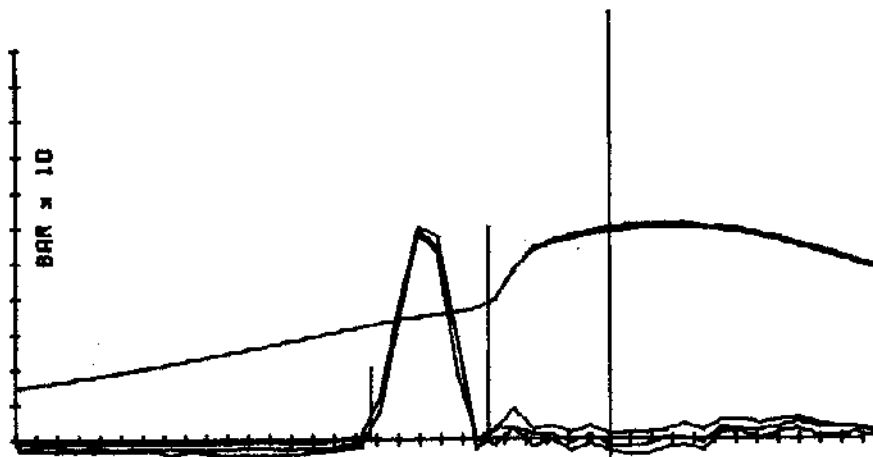
AVERAGE
 TORQUE : 82
 R.P.M. : 1440
 START OF
 INJN. : 11.8
 COMBN. : 3.8
 DELAY
 DEGREES : 7.9
 MS : .815
 MAXIMUM
 PRESSURE: 69.8
 RATE : 7.5
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 228



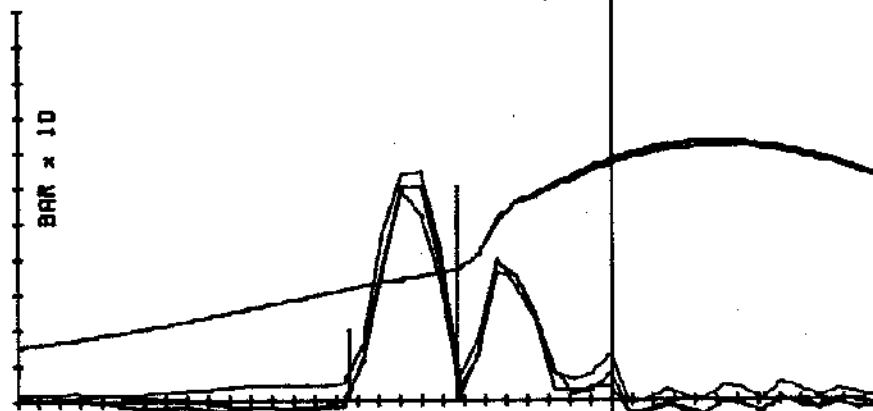
AVERAGE
 TORQUE : 159
 R.P.M. : 1446
 START OF
 INJN. : 18
 COMBN. : 8.2
 DELAY
 DEGREES : 7.8
 MS : .685
 MAXIMUM
 PRESSURE: 88.6
 RATE : 8.7
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 378

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2860	C.V. : 38.35
TEST ID. : UNJ0013	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP70	



AVERAGE
 TORQUE : 36
 R.P.M. : 822
 START OF
 INJN. : 11.3
 COMBN. : 5.8
 DELAY
 DEGREES : 5.5
 μS : 1.122
 MAXIMUM
 PRESSURE: 60.8
 RATE : 8.3
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 126



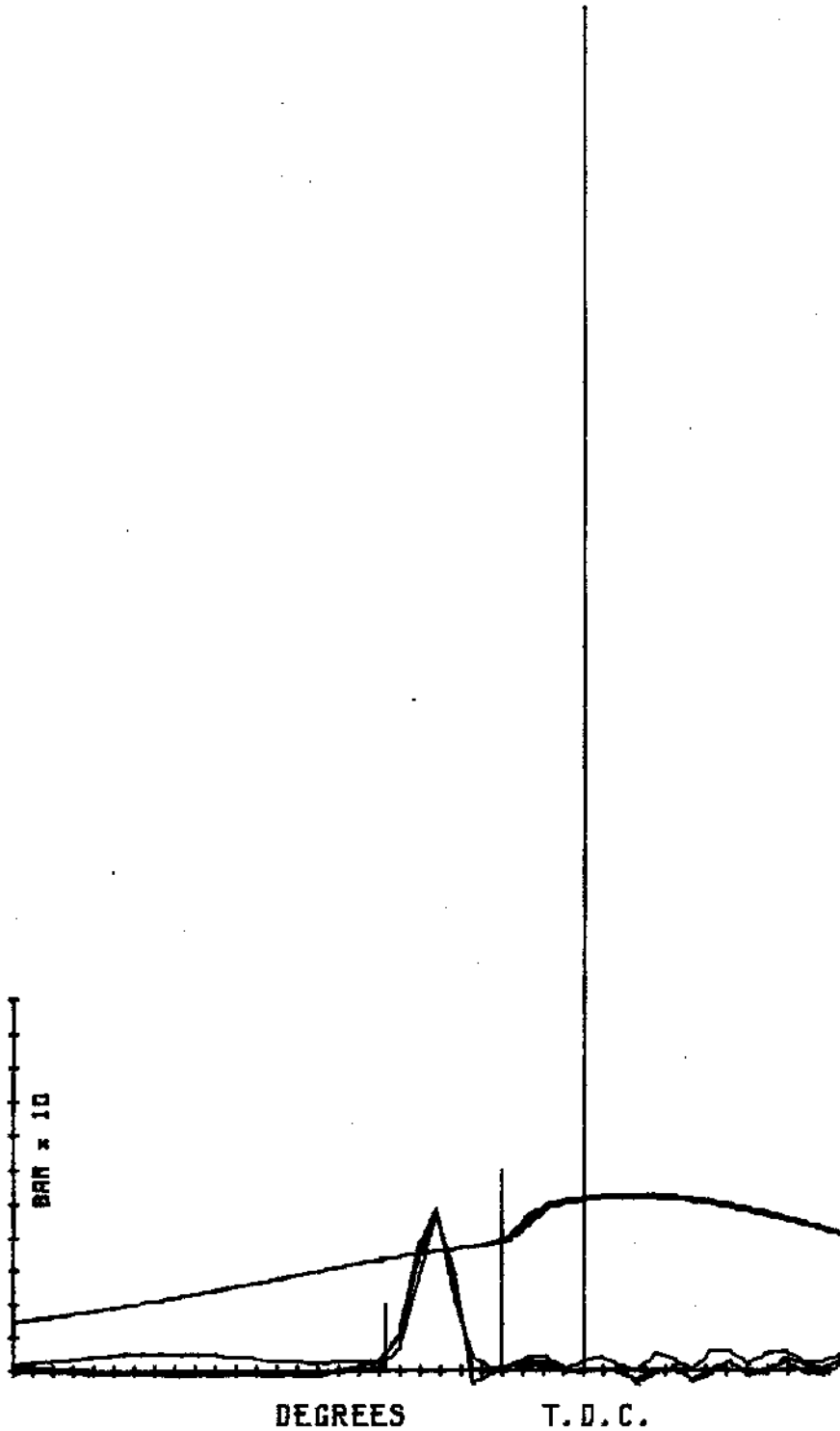
AVERAGE
 TORQUE : 93
 R.P.M. : 812
 START OF
 INJN. : 12.4
 COMBN. : 7.3
 DELAY
 DEGREES : 5.1
 μS : 1.04
 MAXIMUM
 PRESSURE: 72.6
 RATE : 9.5
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 197



AVERAGE
 TORQUE : 154
 R.P.M. : 823
 START OF
 INJN. : 11.6
 COMBN. : 6.9
 DELAY
 DEGREES : 4.9
 μS : 1.009
 MAXIMUM
 PRESSURE: 82.6
 RATE : 7.2
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 312

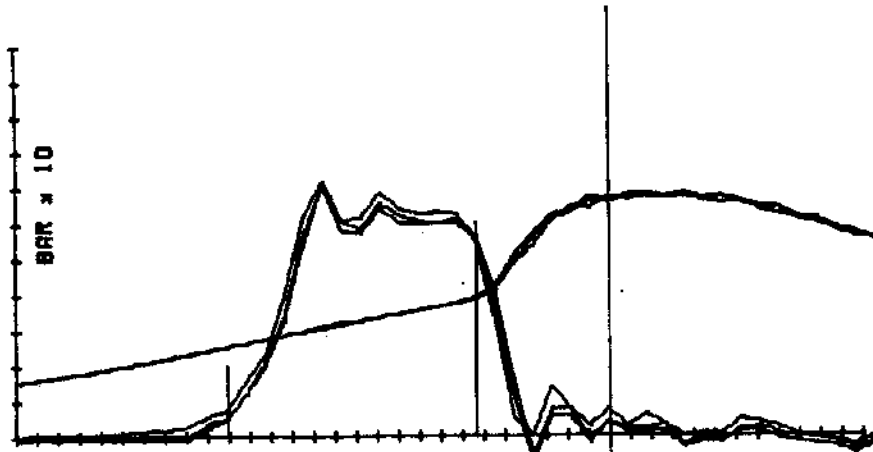
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2860	C.V. : 38.35
TEST ID. : UNID013	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP71	

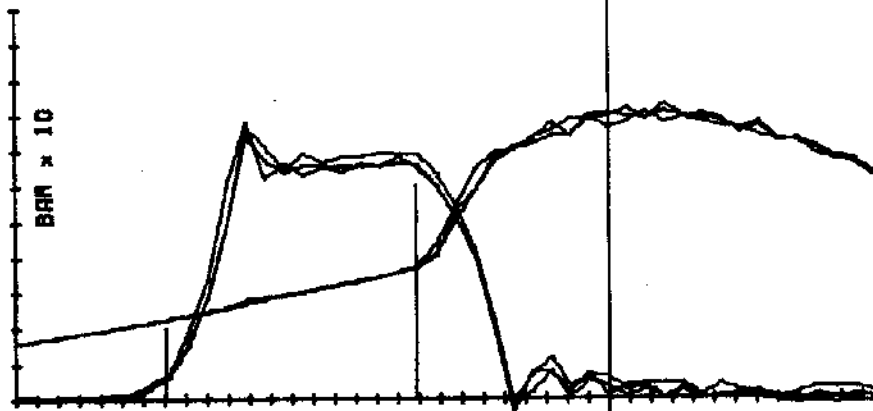


AVERAGE
TORQUE : 3
R.P.M. : 823
START OF
INJN. : 8.7
COMMON : 4
DELAY
DEGREES : 5.7
MS : 1.152
MAXIMUM
PRESSURE: 52.1
RATE : 5.2
TEMPERATURES
AIR INLET: 27
EXHAUST : 97

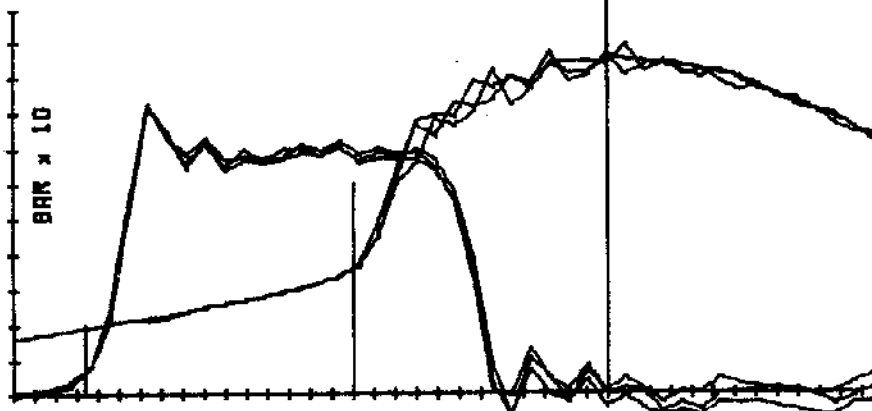
ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2880	C.V. : 38.35
TEST ID. : UNID013	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP72	



AVERAGE
 TORQUE : 38
 R.P.M. : 2036
 START OF
 INJN. : 16.1
 COMBN. : 6.3
 DELAY
 DEGREES : 11.8
 MS : .963
 MAXIMUM
 PRESSURE: 67.9
 RATE : 7.8
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 187



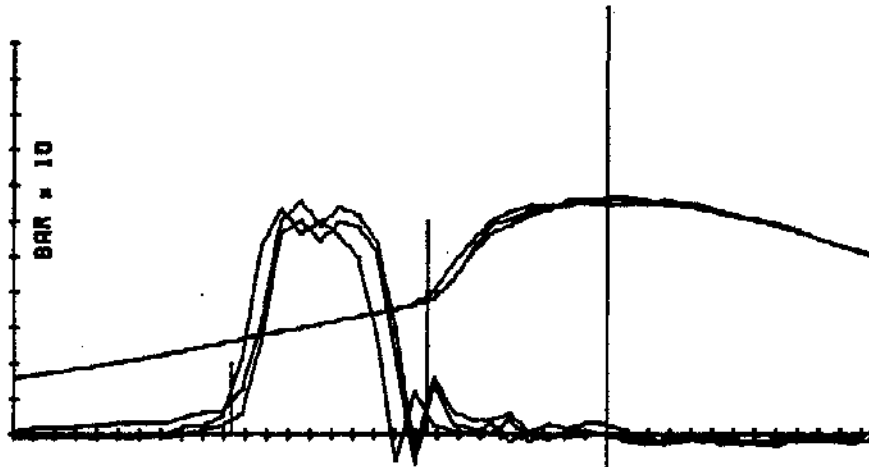
AVERAGE
 TORQUE : 91
 R.P.M. : 2032
 START OF
 INJN. : 21
 COMBN. : 9.1
 DELAY
 DEGREES : 11.8
 MS : .972
 MAXIMUM
 PRESSURE: 62.2
 RATE : 11.4
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 271



AVERAGE
 TORQUE : 127
 R.P.M. : 2019
 START OF
 INJN. : 24.6
 COMBN. : 12
 DELAY
 DEGREES : 12.6
 MS : 1.042
 MAXIMUM
 PRESSURE: 97.4
 RATE : 17.4
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 377

DEGREES T.D.C.

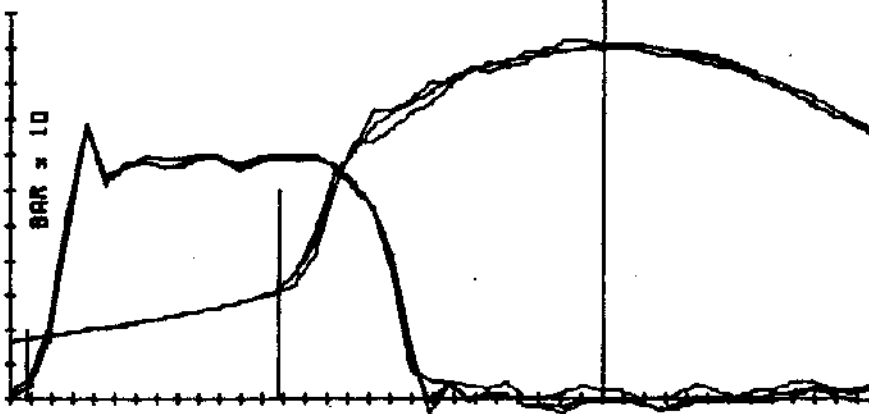
ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2660	C.V. : 38.35
TEST ID. : UNID015	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP73	



AVERAGE
 TORQUE : 37
 R.P.M. : 1441
 START OF
 INJN. : 17.8
 COMON. : 6.4
 DELAY
 DEGREES : 8.2
 MS : 1.064
 MAXIMUM
 PRESSURE: 85.6
 RATE : 8
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 150



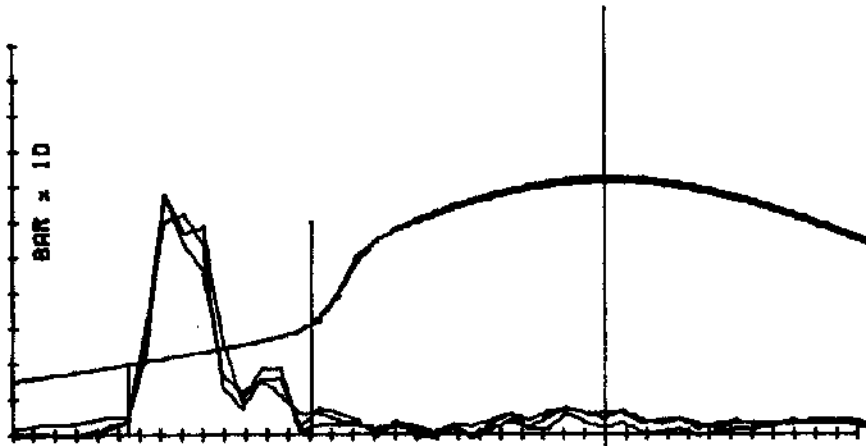
AVERAGE
 TORQUE : 91
 R.P.M. : 1426
 START OF
 INJN. : 23
 COMON. : 12.7
 DELAY
 DEGREES : 10.3
 MS : 1.202
 MAXIMUM
 PRESSURE: 85.4
 RATE : 13
 TEMPERATURES
 AIR INLET: 26
 EXHAUST : 232



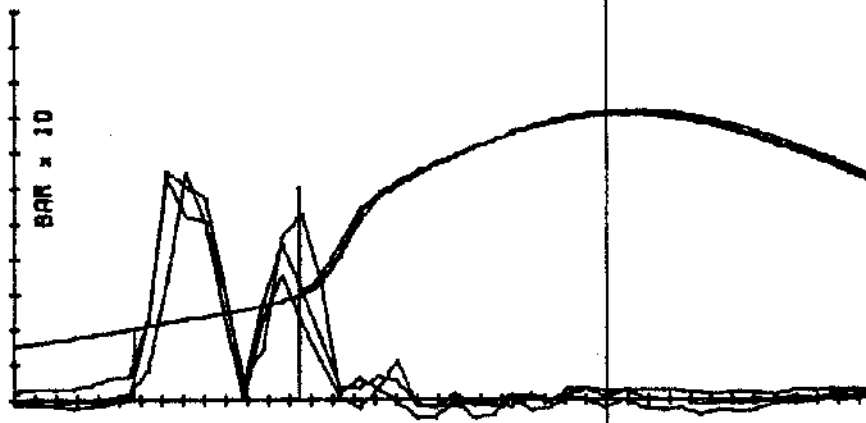
AVERAGE
 TORQUE : 142
 R.P.M. : 1447
 START OF
 INJN. : 27.2
 COMON. : 15.2
 DELAY
 DEGREES : 12
 MS : 1.378
 MAXIMUM
 PRESSURE: 101.7
 RATE : 18.2
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 389

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2660	C.V. : 36.35
TEST ID. : UN10015	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP74	



AVERAGE
 TORQUE : 38
 R.P.M. : 820
 START OF
 INJN. : 22.8
 COMON. : 13.8
 DELAY
 DEGREES : 6.7
 MS : 1.781
 MAXIMUM
 PRESSURE: 71.4
 RATE : 9.7
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 138



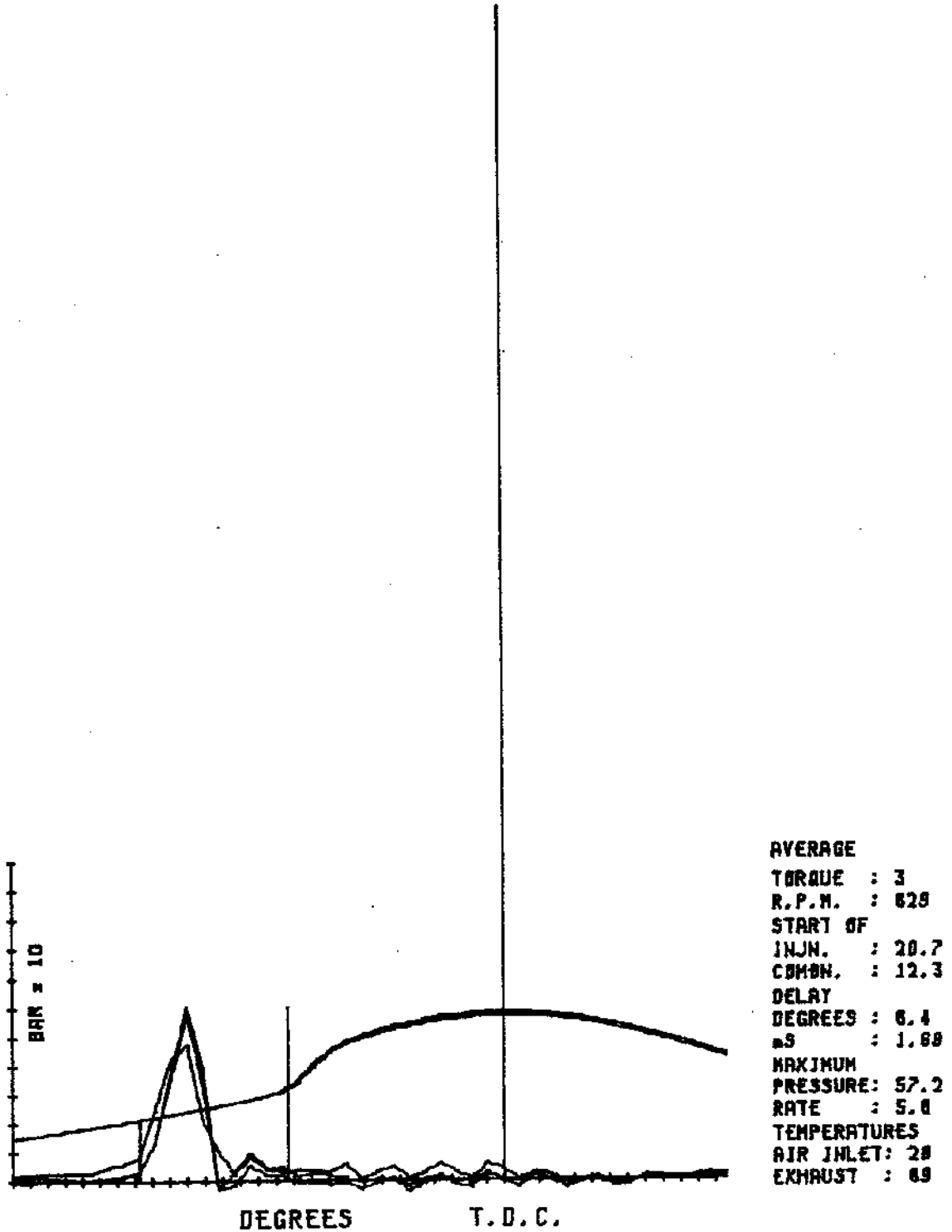
AVERAGE
 TORQUE : 88
 R.P.M. : 808
 START OF
 INJN. : 22.3
 COMON. : 14.8
 DELAY
 DEGREES : 7.7
 MS : 1.8
 MAXIMUM
 PRESSURE: 81.3
 RATE : 10
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 195



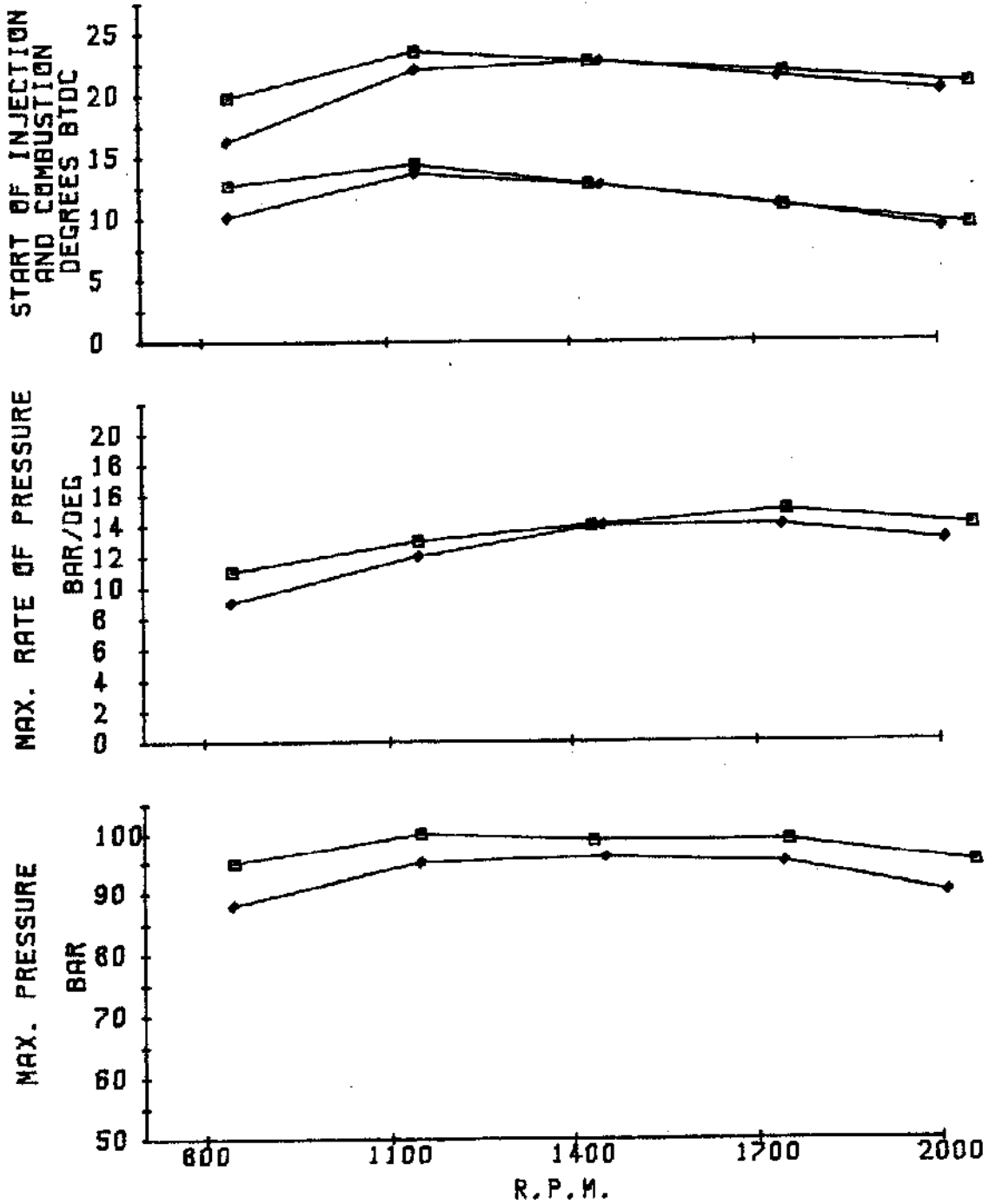
AVERAGE
 TORQUE : 145
 R.P.M. : 814
 START OF
 INJN. : 21.8
 COMON. : 14.8
 DELAY
 DEGREES : 7.3
 MS : 1.508
 MAXIMUM
 PRESSURE: 85
 RATE : 10.8
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 308

DEGREES T.D.C.

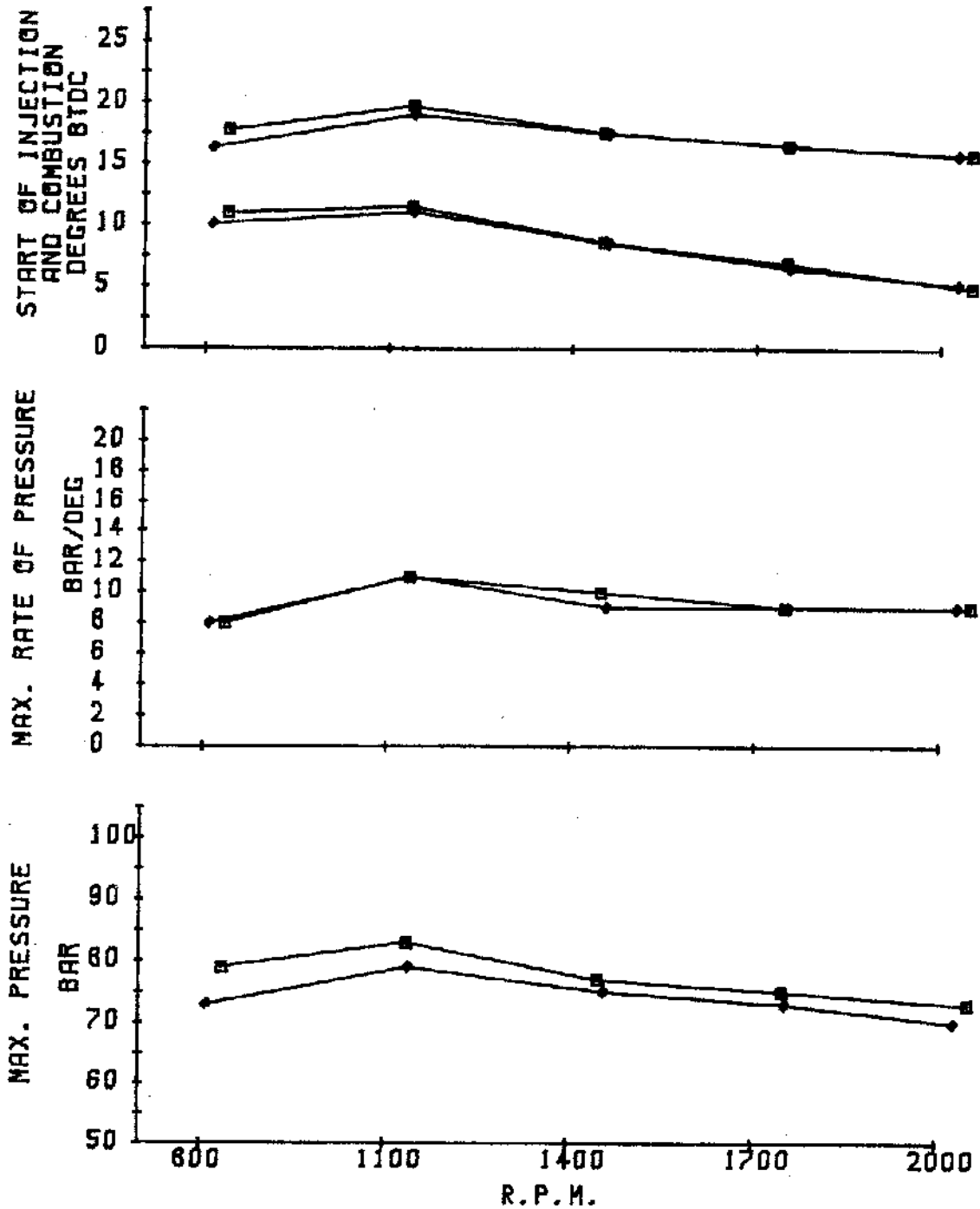
ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2860	C.V. : 38.35
TEST ID. : UN10015	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP75	



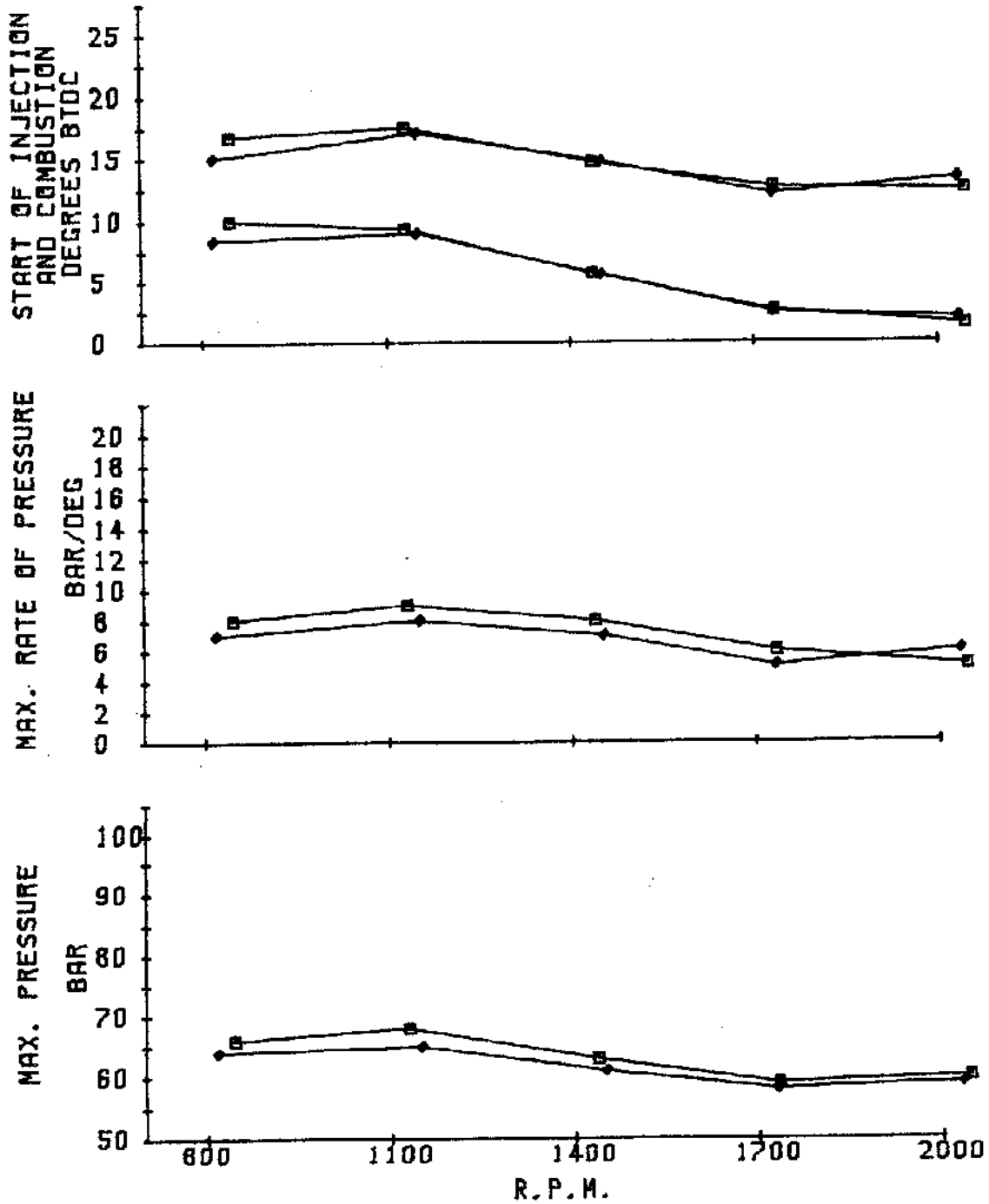
ENGINE : FORD 3000	FUEL ID : TEGDN3.9
CAPACITY : 2860	C.V. : 38.35
TEST ID. : UN10015	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	FIG AP76



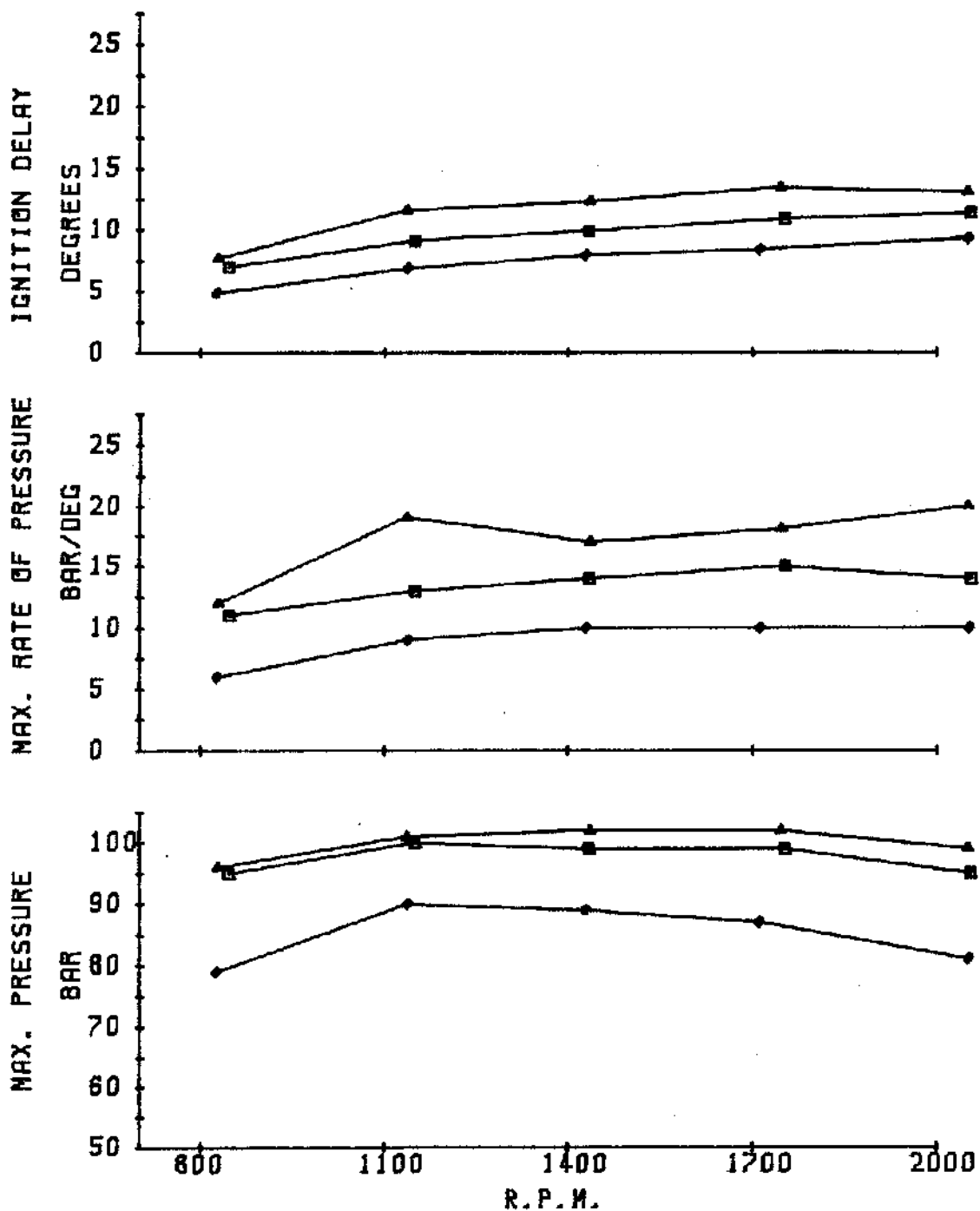
ENGINE : FORD 3000 CAPACITY: 2660	♦ 22/5/85 □ 10/5/85
LONG TERM DIST 100 REPEATABILITY OF START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	FULL LOAD FIG AP77



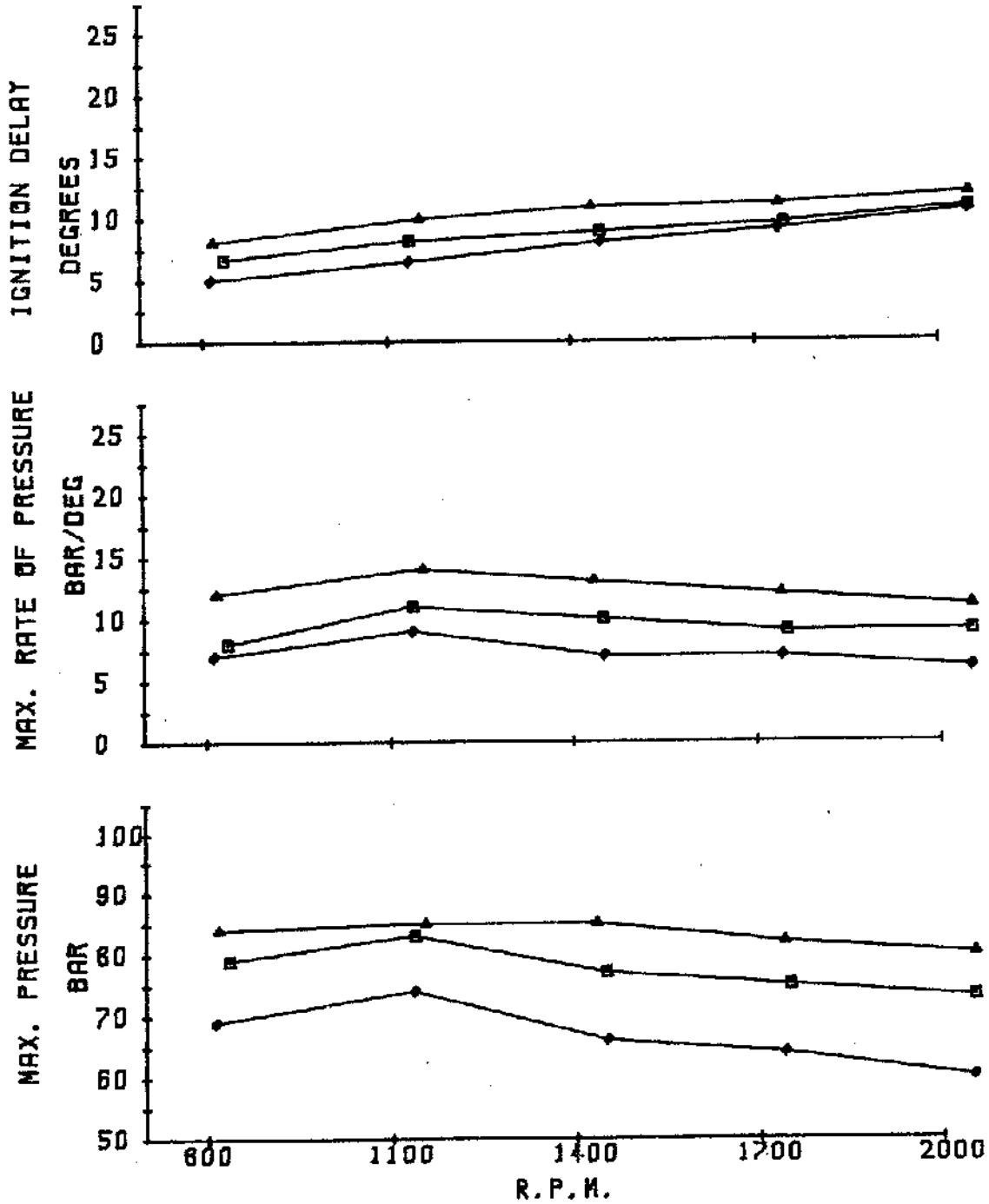
ENGINE : FORD 3000 CAPACITY: 2660	• 22/5/85 ■ 10/5/85
LONG TERM DIST 100 REPEATABILITY OF START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	2/3 LOAD FIG AP78



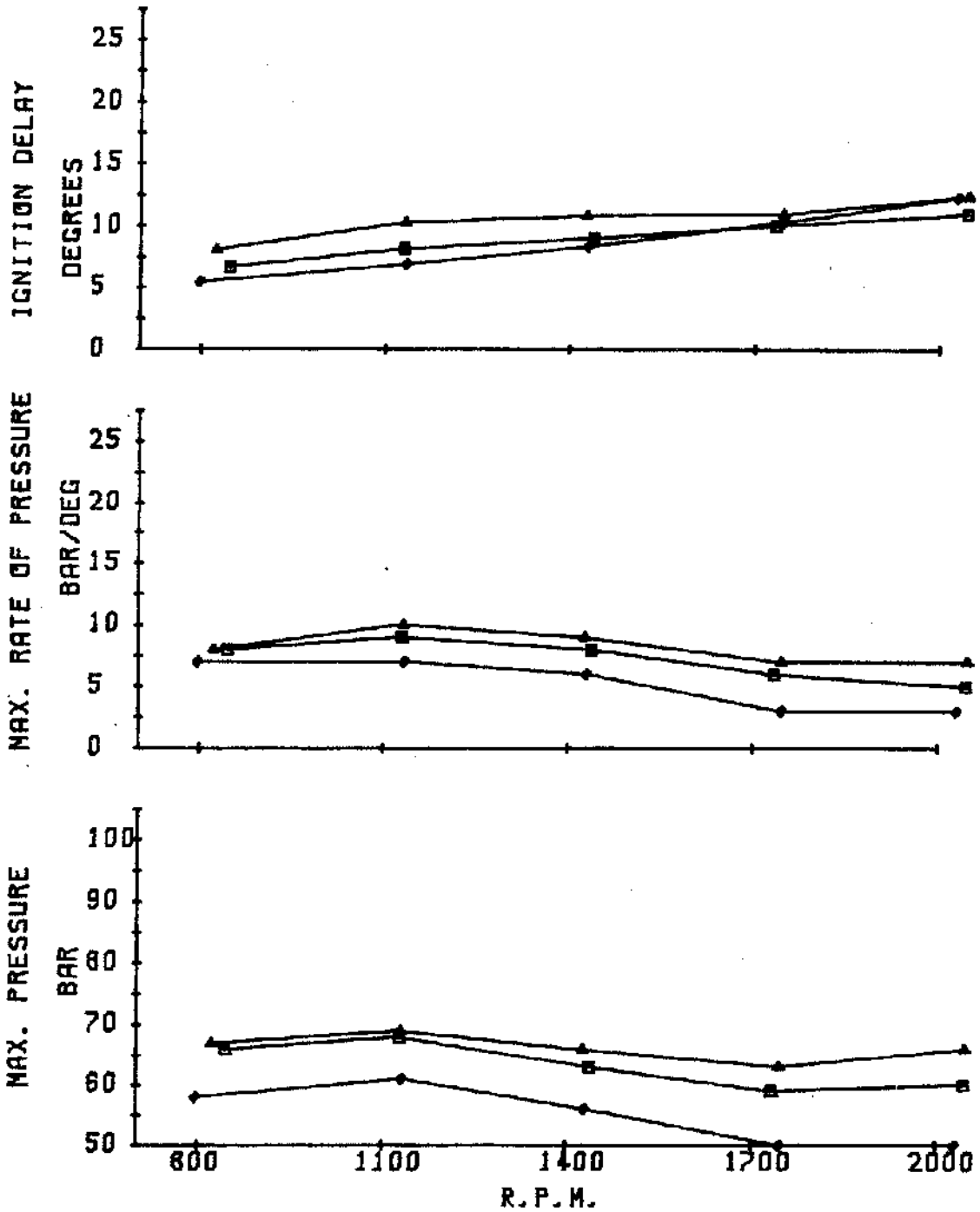
ENGINE : FORD 3000 CAPACITY: 2860	• 22/5/85 ■ 10/5/85
LONG TERM DIST 100 REPEATABILITY OF START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	1/3 LOAD FIG AP79



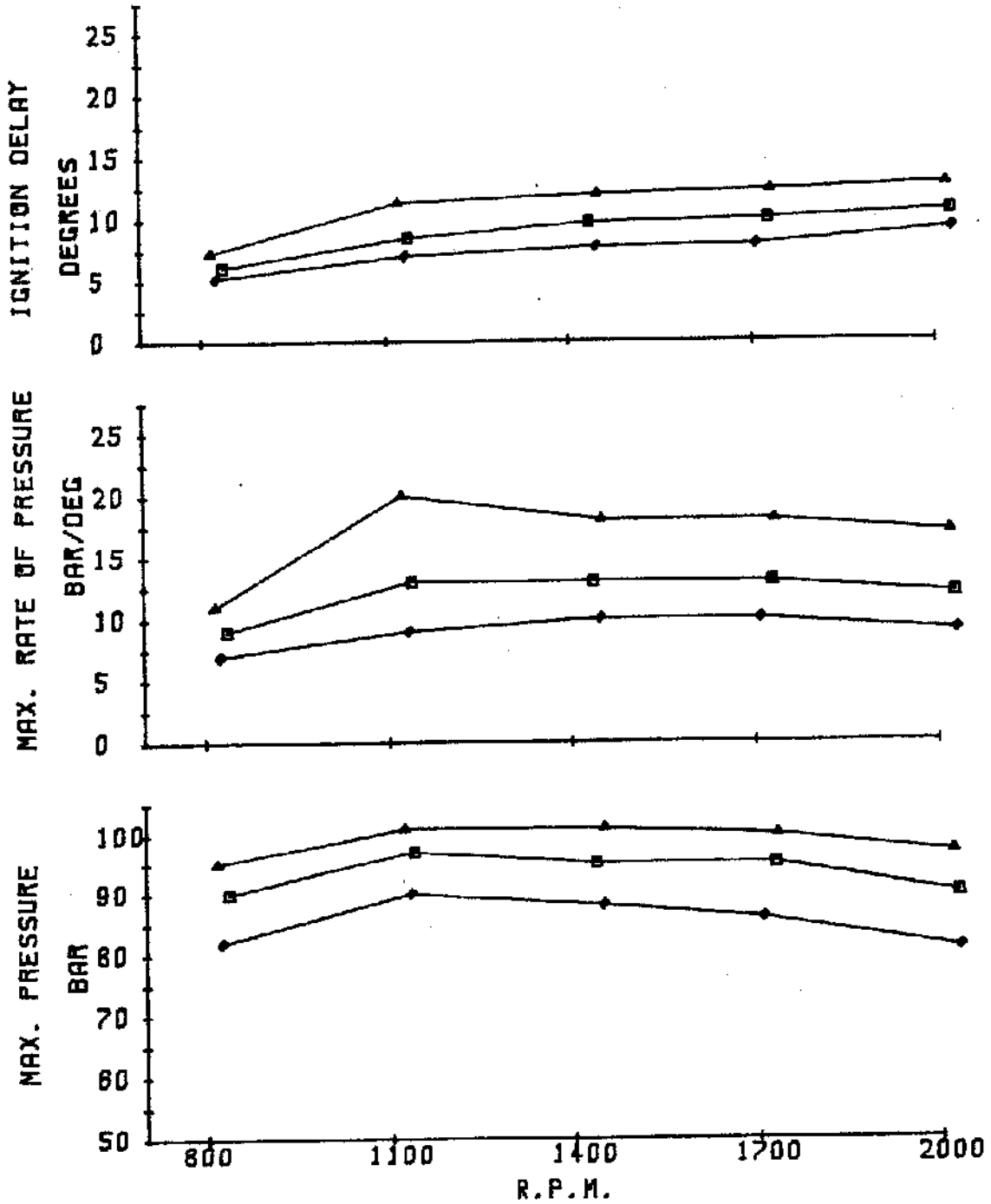
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> • 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
100 DIST FULL LOAD FIG. AP80	



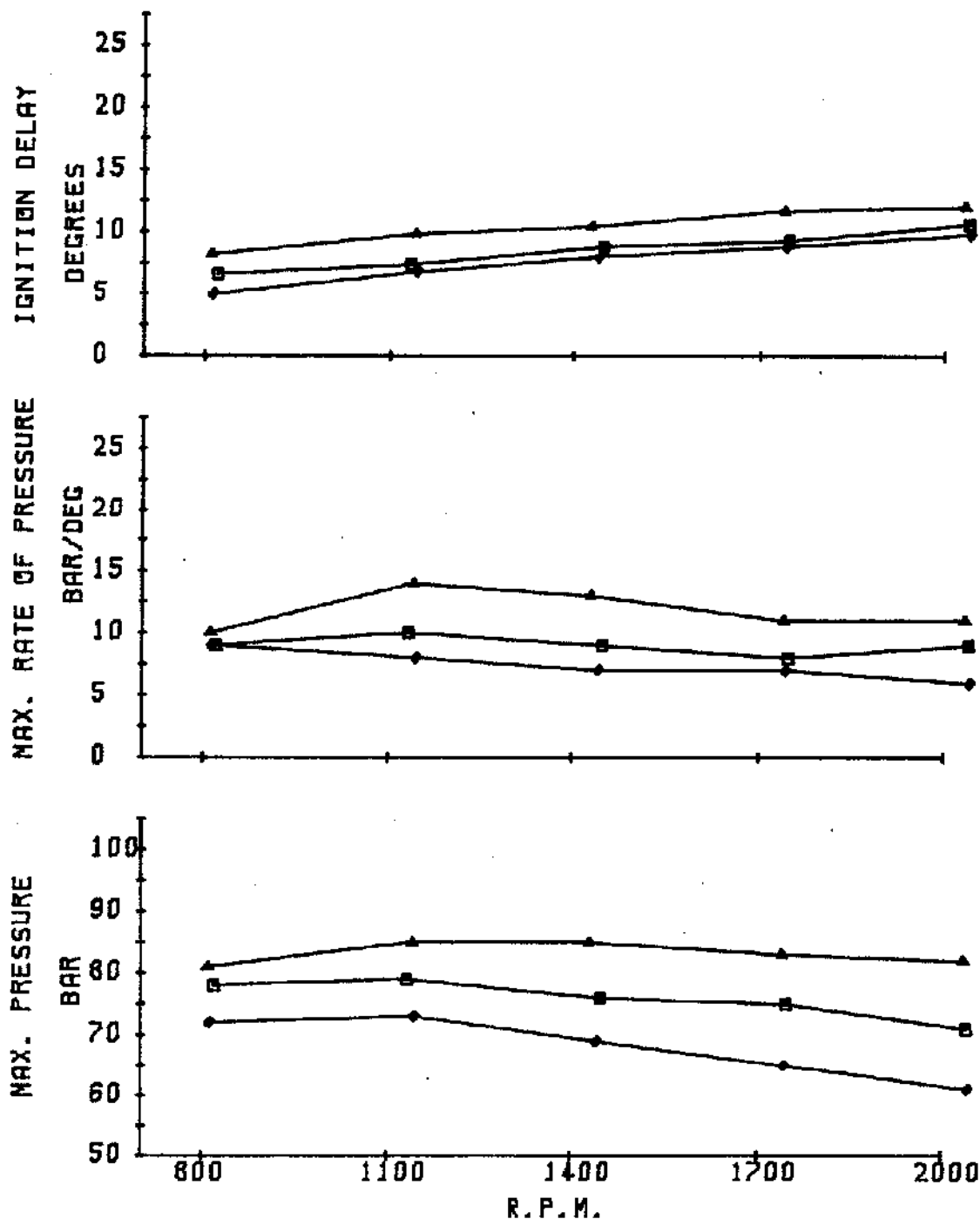
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC □ 20 deg BTDC ▲ 26 deg BTDC 100 DIST 2/3 LOAD
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP81	



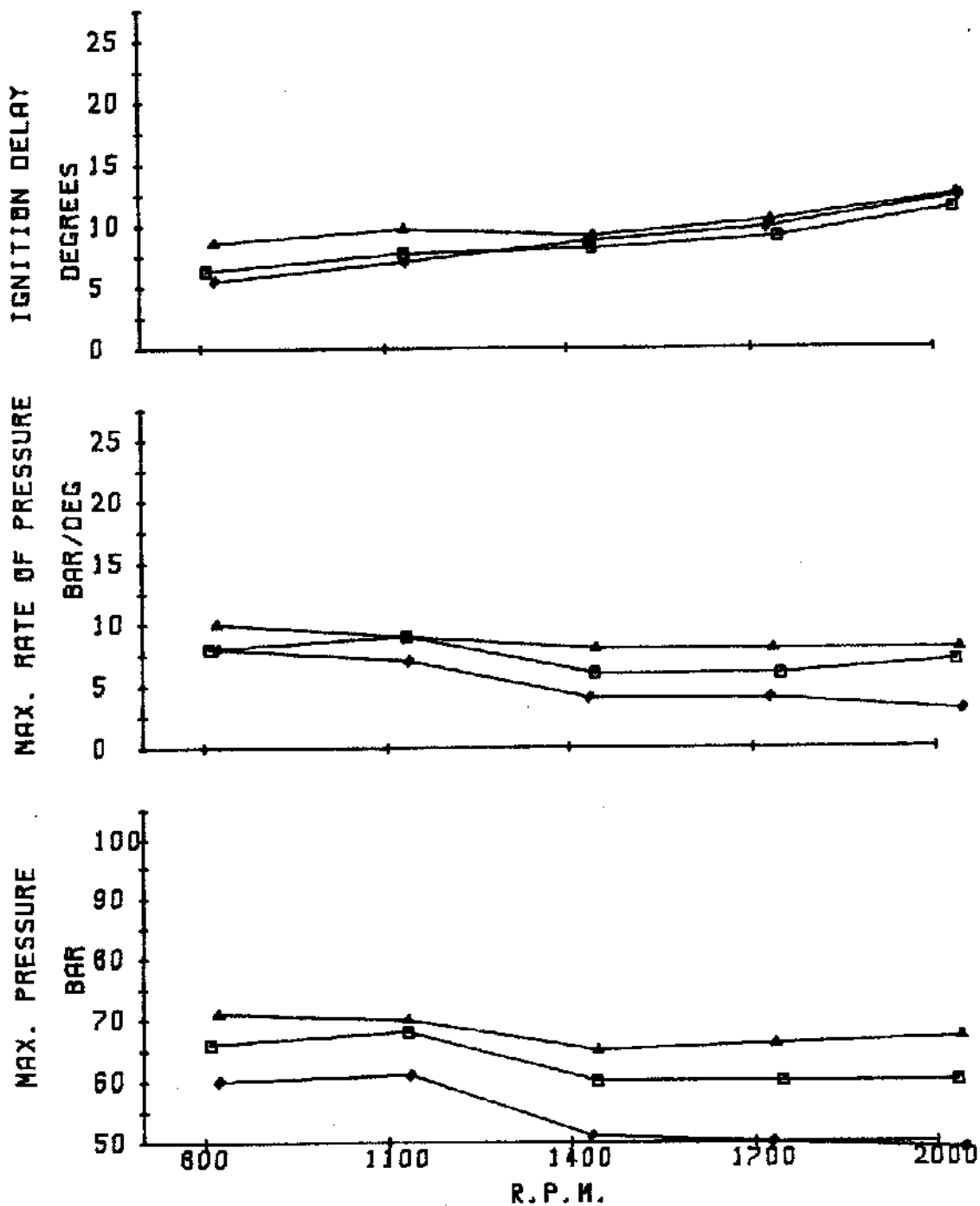
ENGINE : FORD 3000 CAPACITY: 2660	• 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC 100 DIST 1/3 LOAD
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP82	



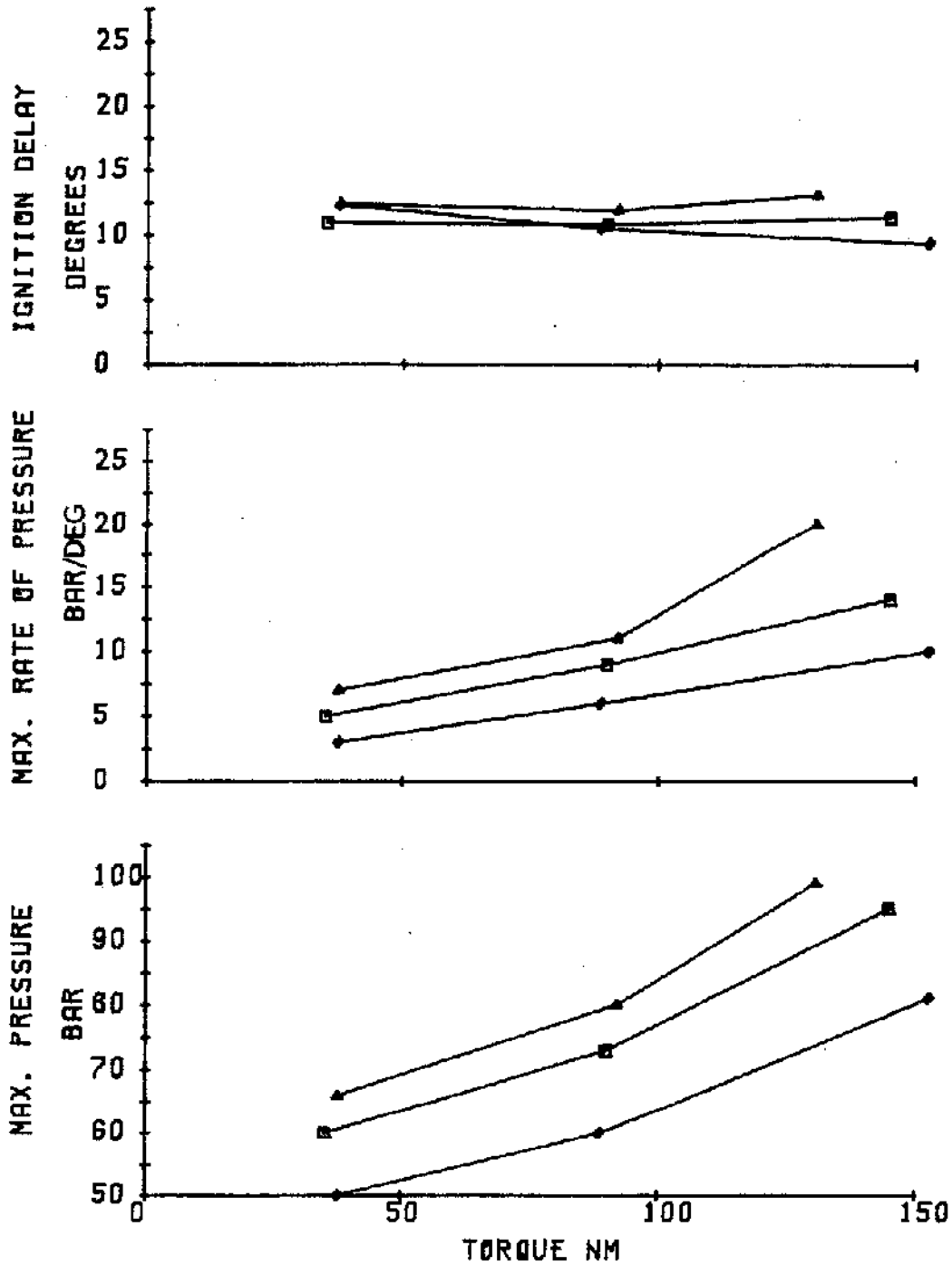
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 FULL LOAD
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP83	



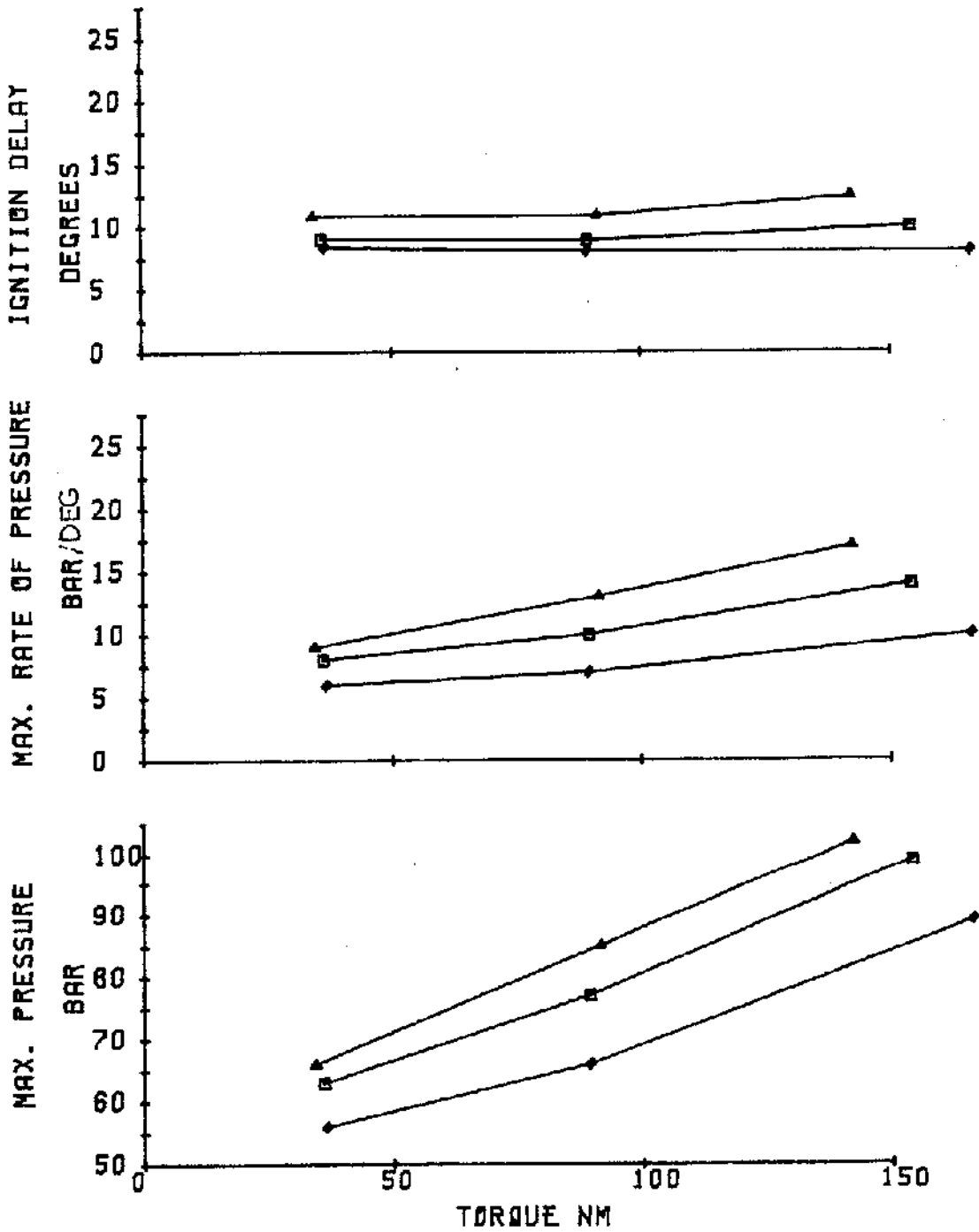
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC ■ 20 deg BTDC ▲ 28 deg BTDC TEGDN3.9 2/3 LOAD
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP84	



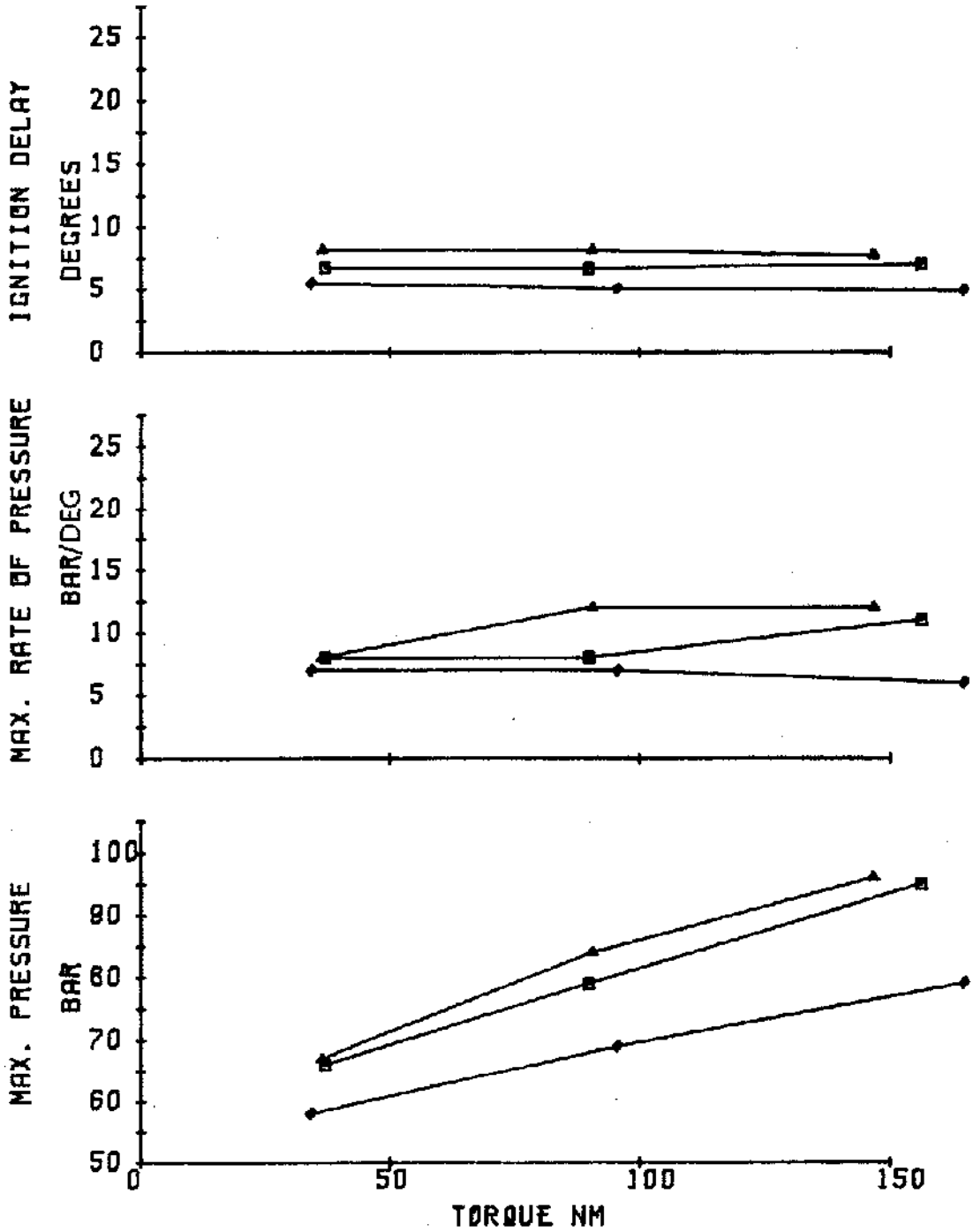
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 1/3 LOAD
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	FIG AP85



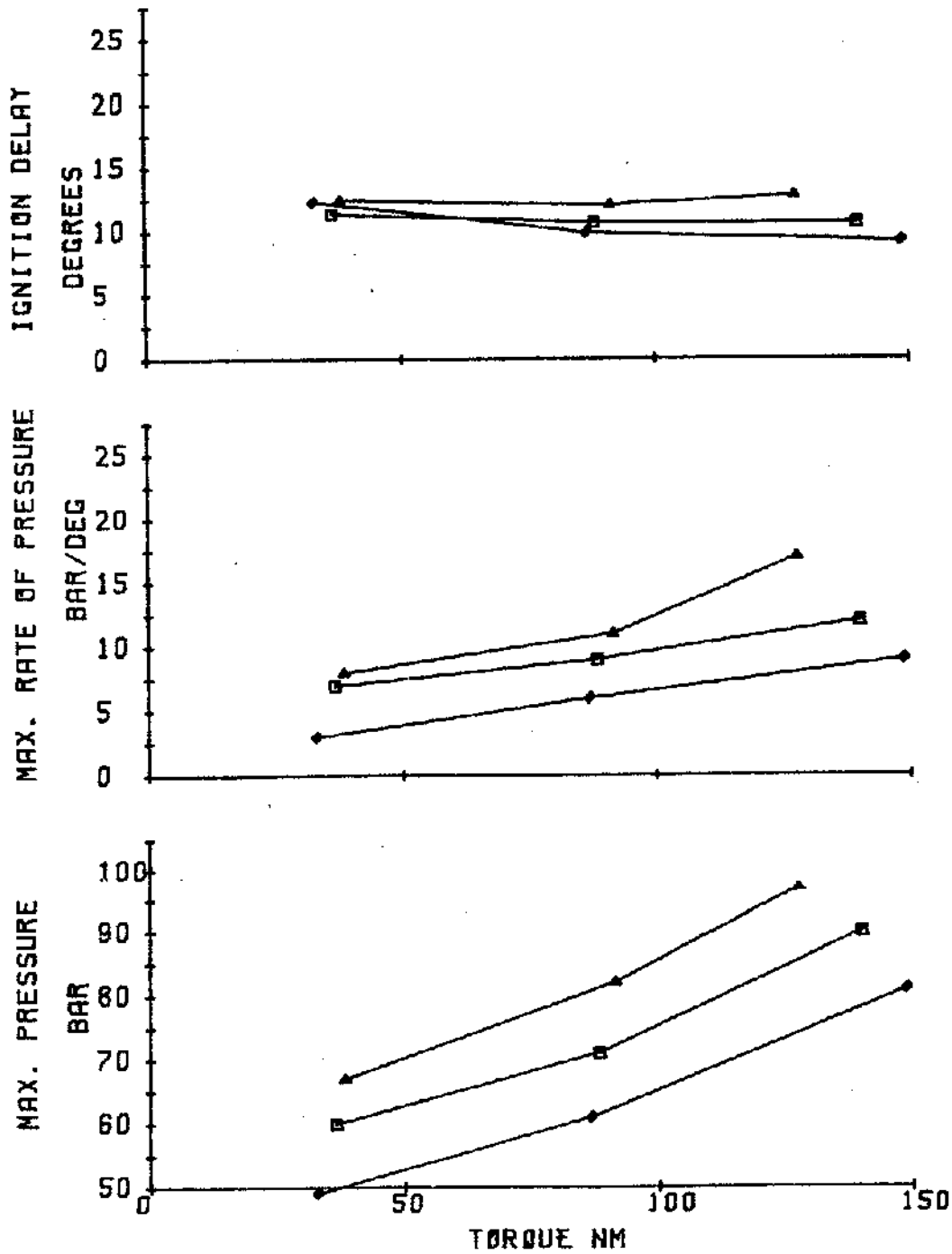
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> ◆ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	DIST 100 2000 R.P.M.
	FIG AP86



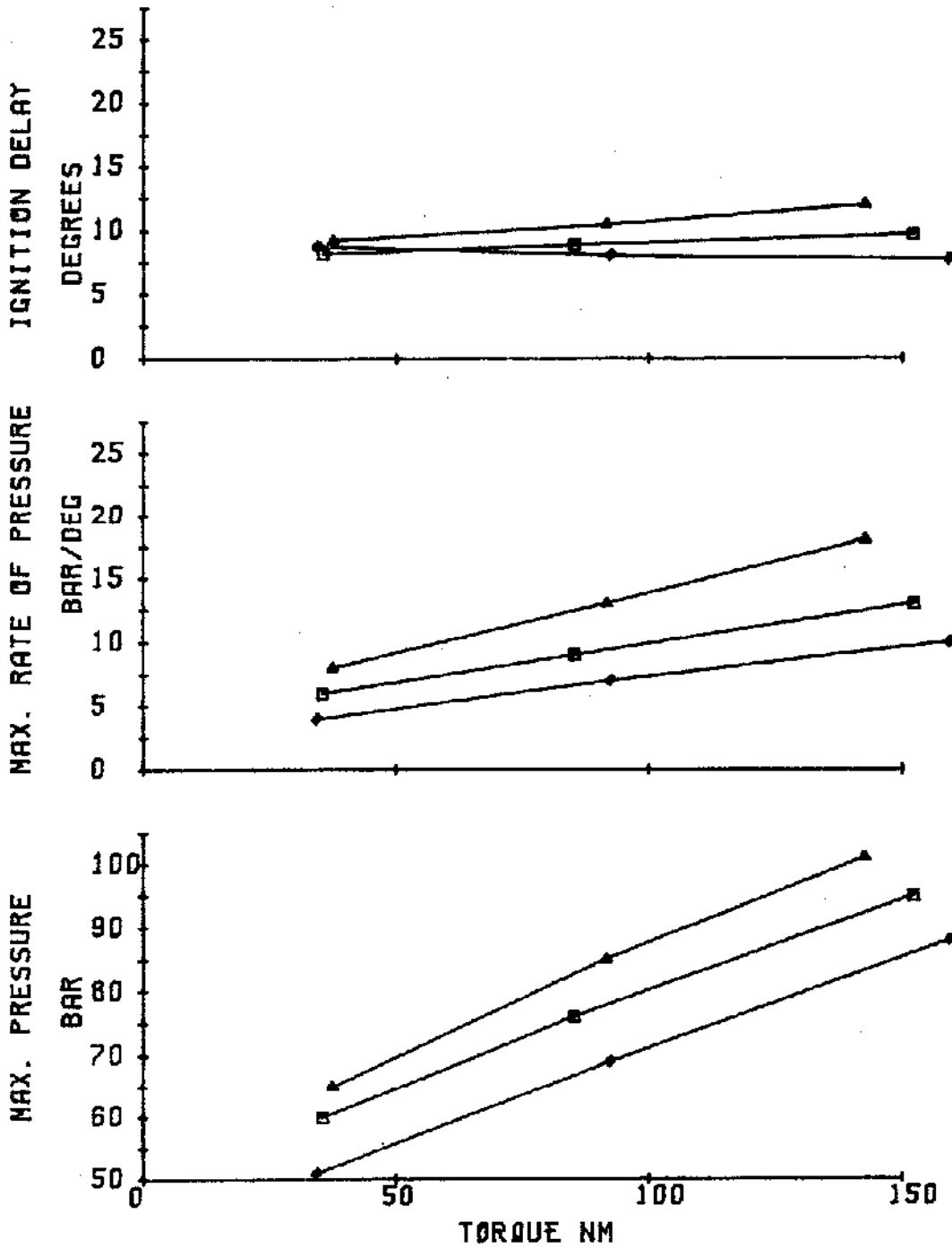
ENGINE : FORD 3000 CAPACITY: 2860	• 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC DIST 100 1400 R.P.M.
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP87	



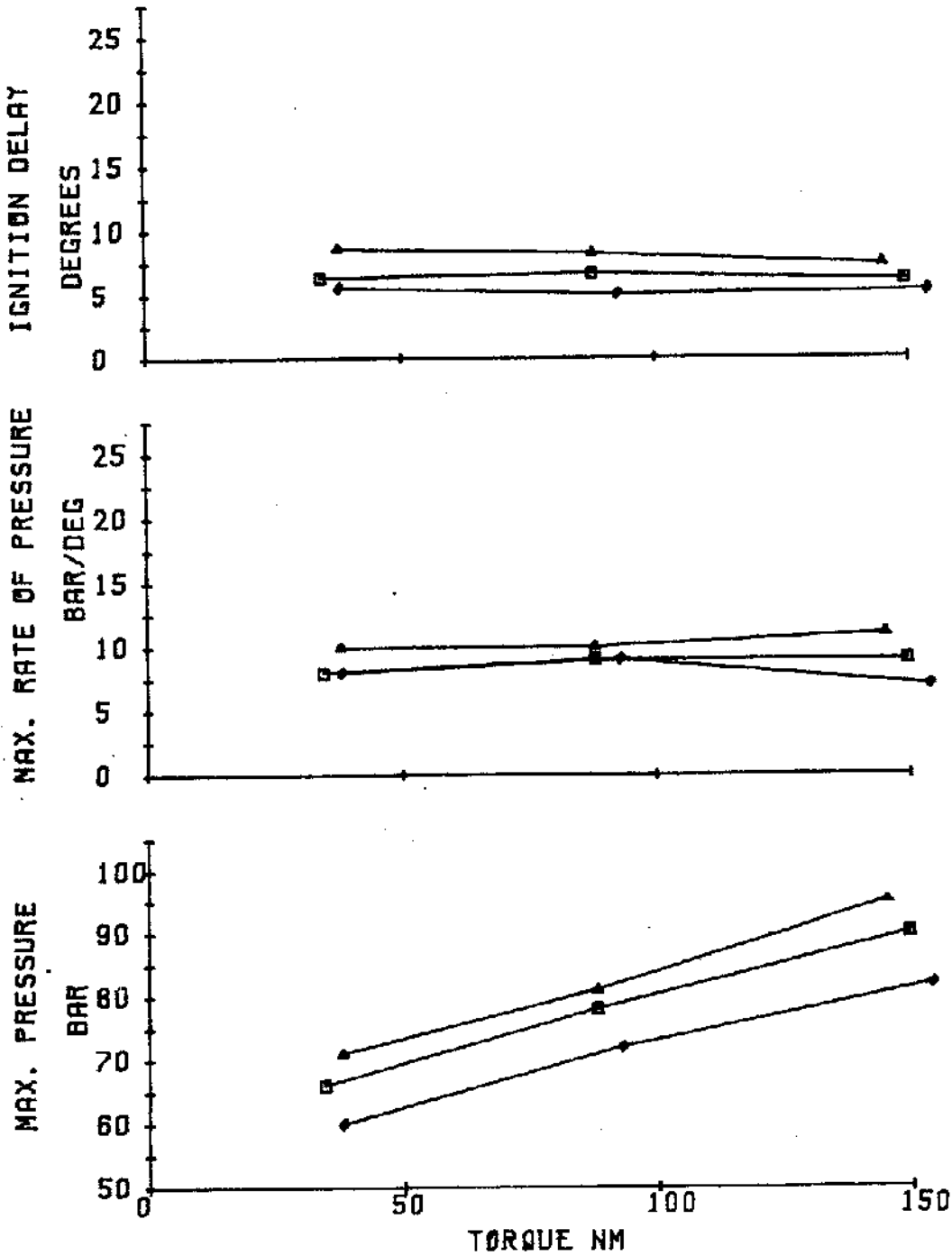
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC DIST 100 800 R.P.M.
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP88	



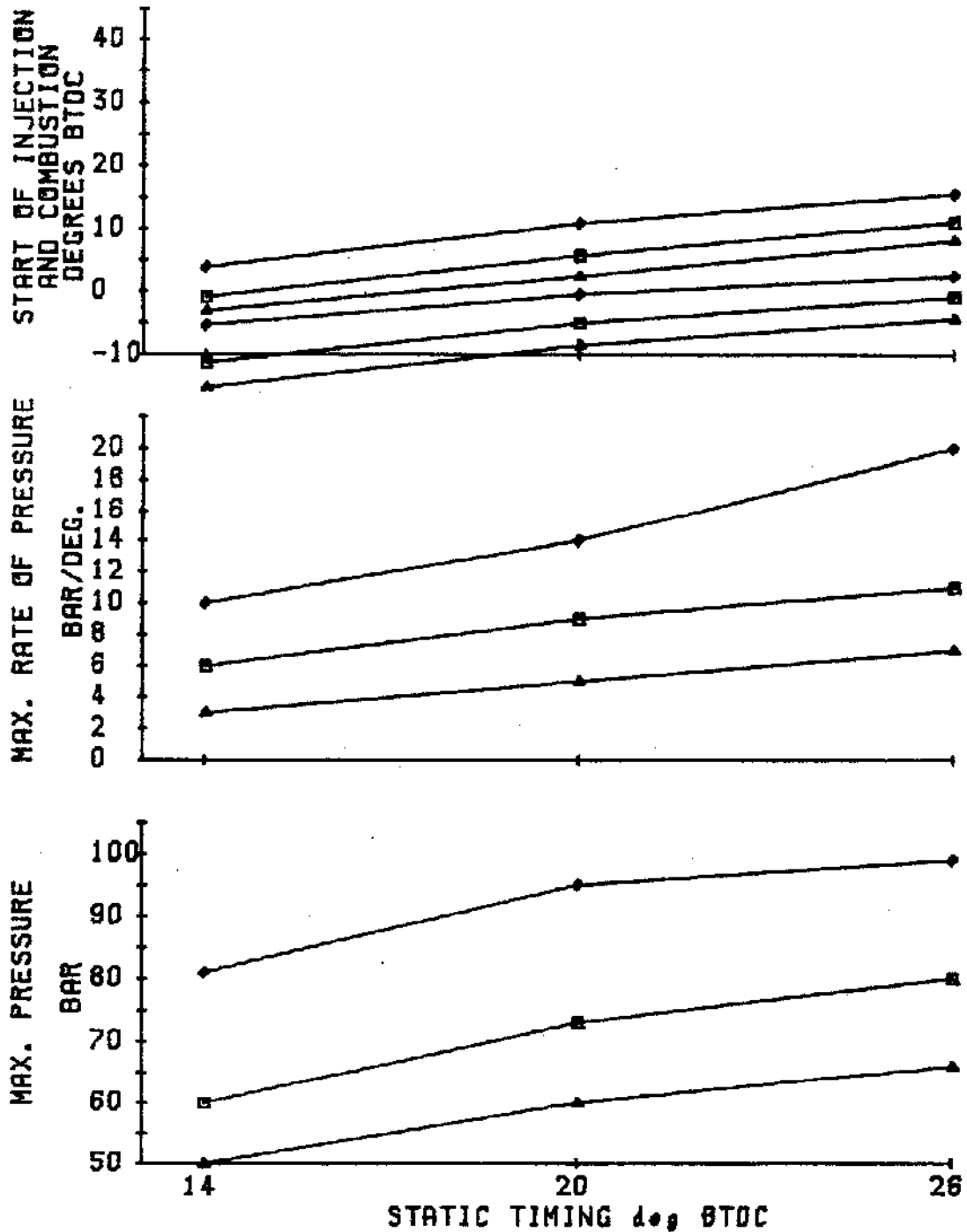
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC □ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 2000 R.P.M.
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP89	



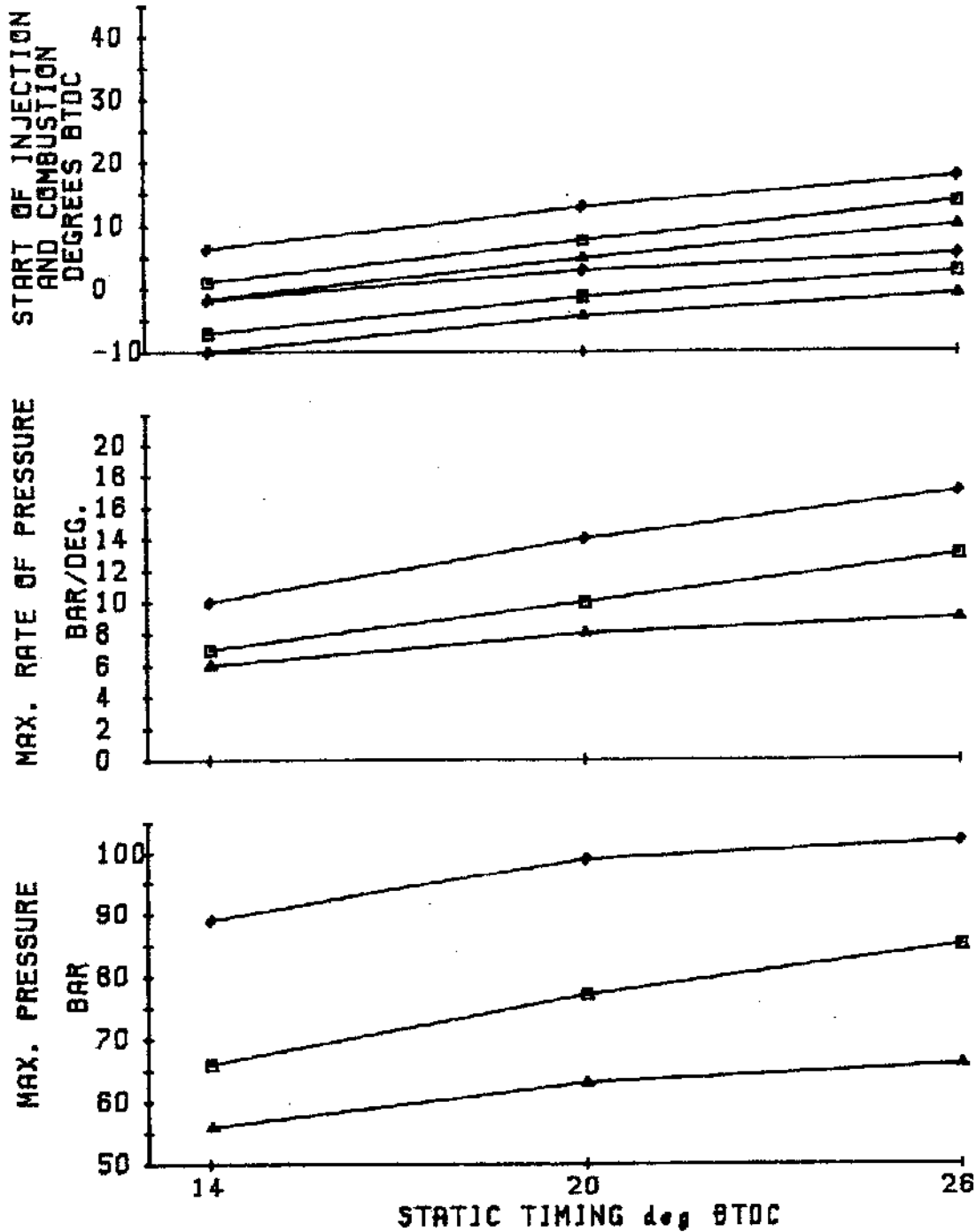
ENGINE : FORD 3000 CAPACITY: 2860	• 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 1400 R.P.M.
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
FIG AP90	



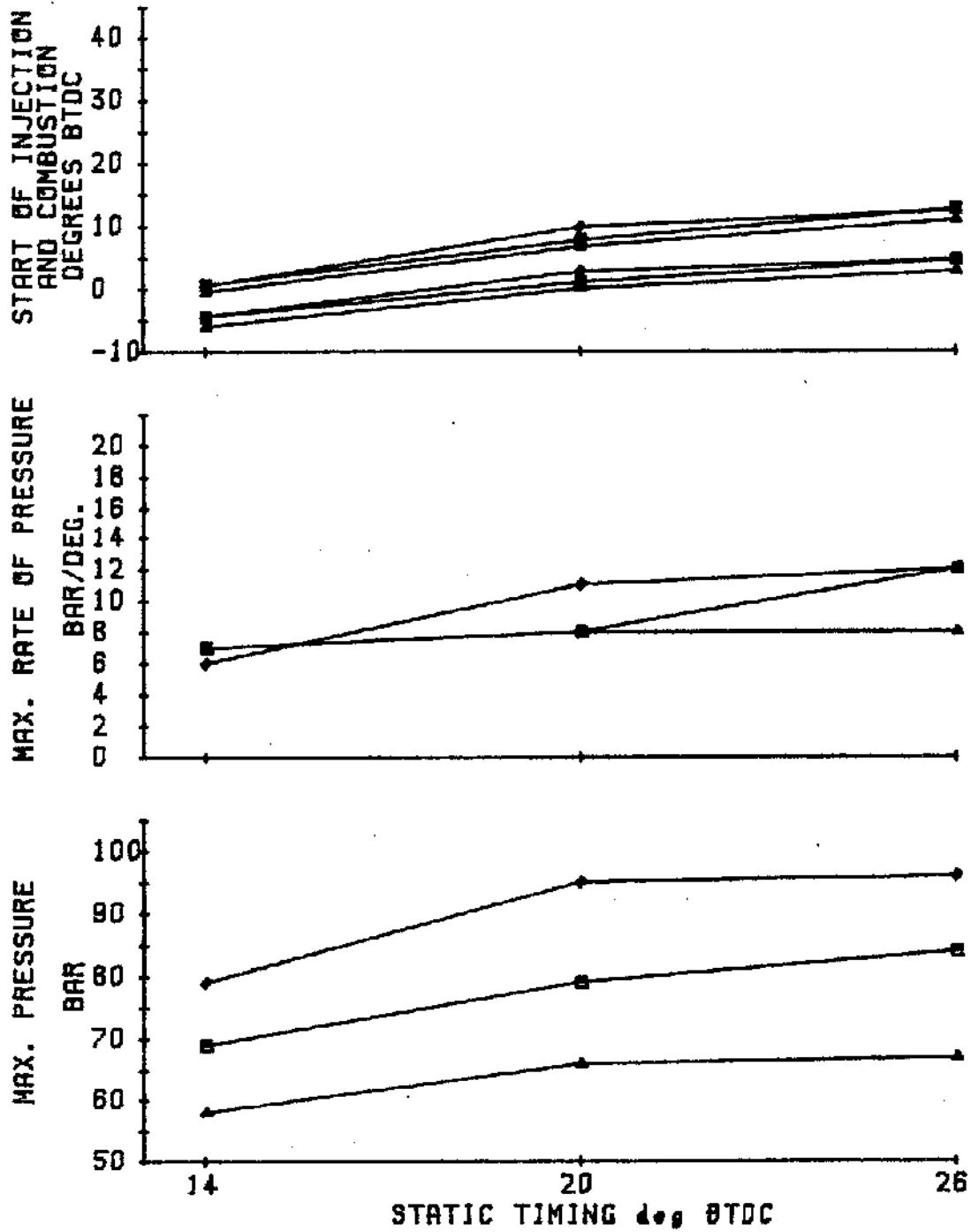
ENGINE : FORD 3000 CAPACITY: 2860	<ul style="list-style-type: none"> • 14 deg BTDC □ 20 deg BTDC ▲ 26 deg BTDC
EFFECT OF STATIC TIMING ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	
TEGDN3.9 800 R.P.M. FIG AP91	



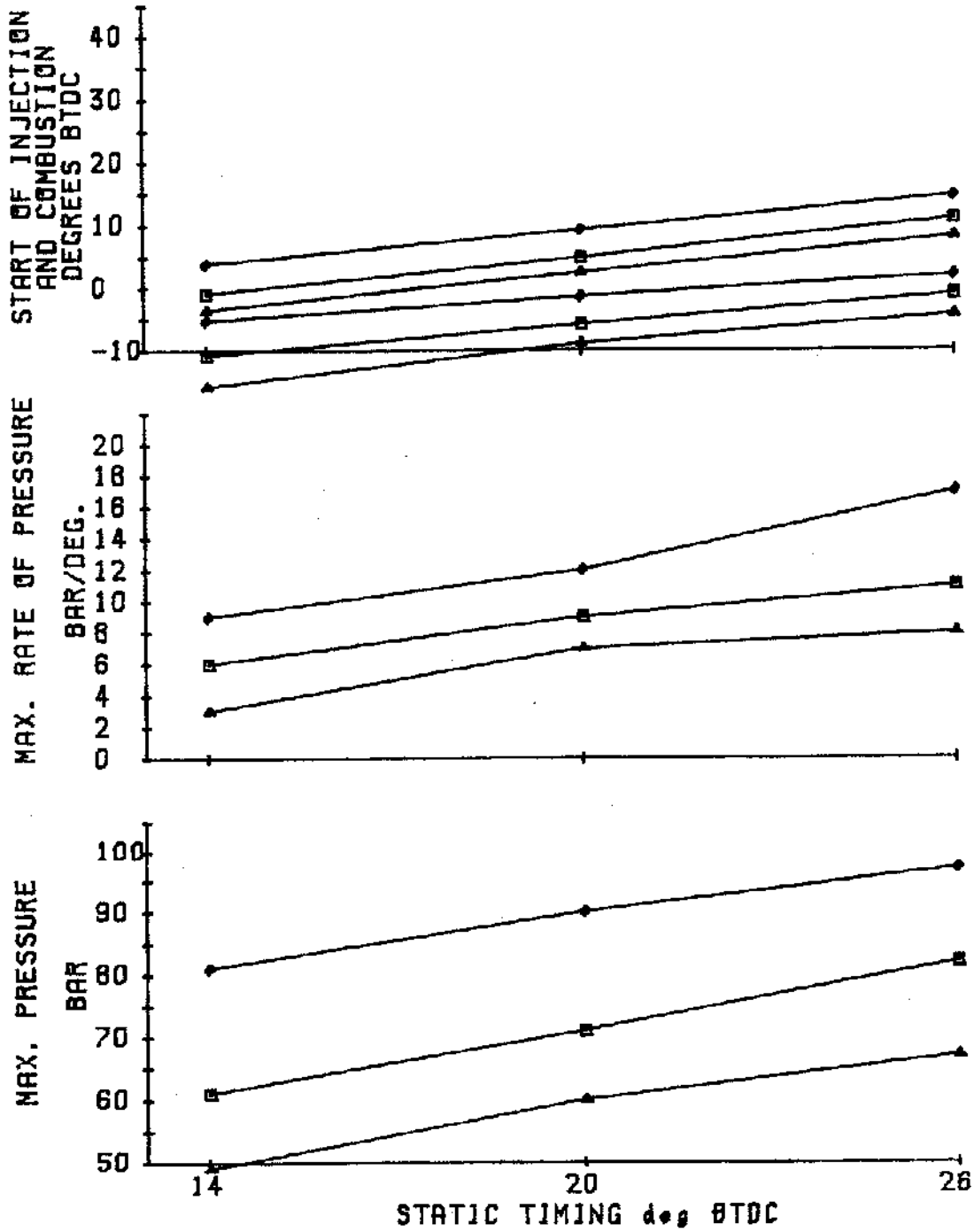
ENGINE : FORD 3000 CAPACITY: 2860	◆ FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD DIST 100 2000 R.P.M.
EFFECT OF STATIC TIMING ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP92	



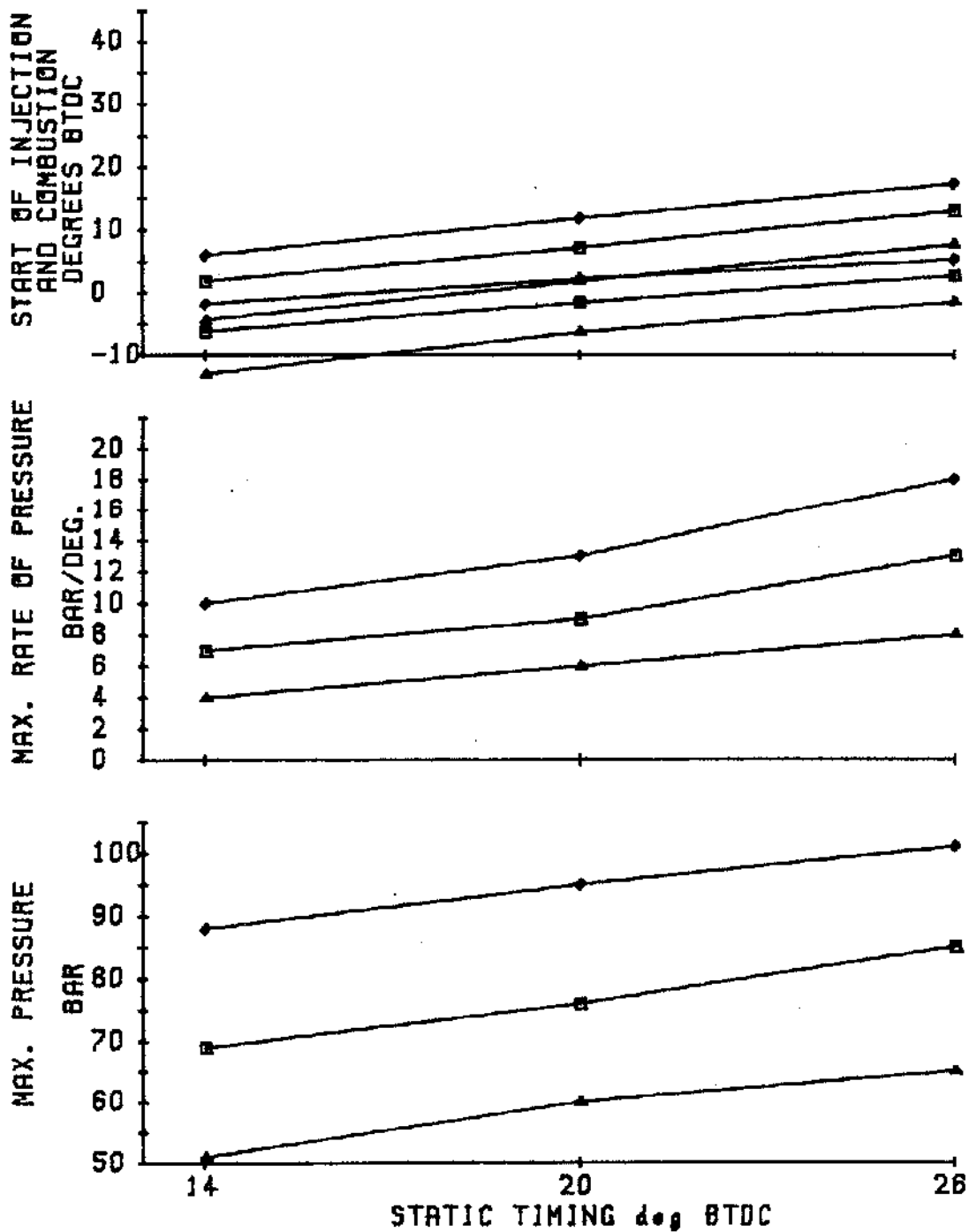
ENGINE : FORD 3000 CAPACITY: 2860	◆ FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD DIST 100 1400 R.P.M.
EFFECT OF STATIC TIMING ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP93	



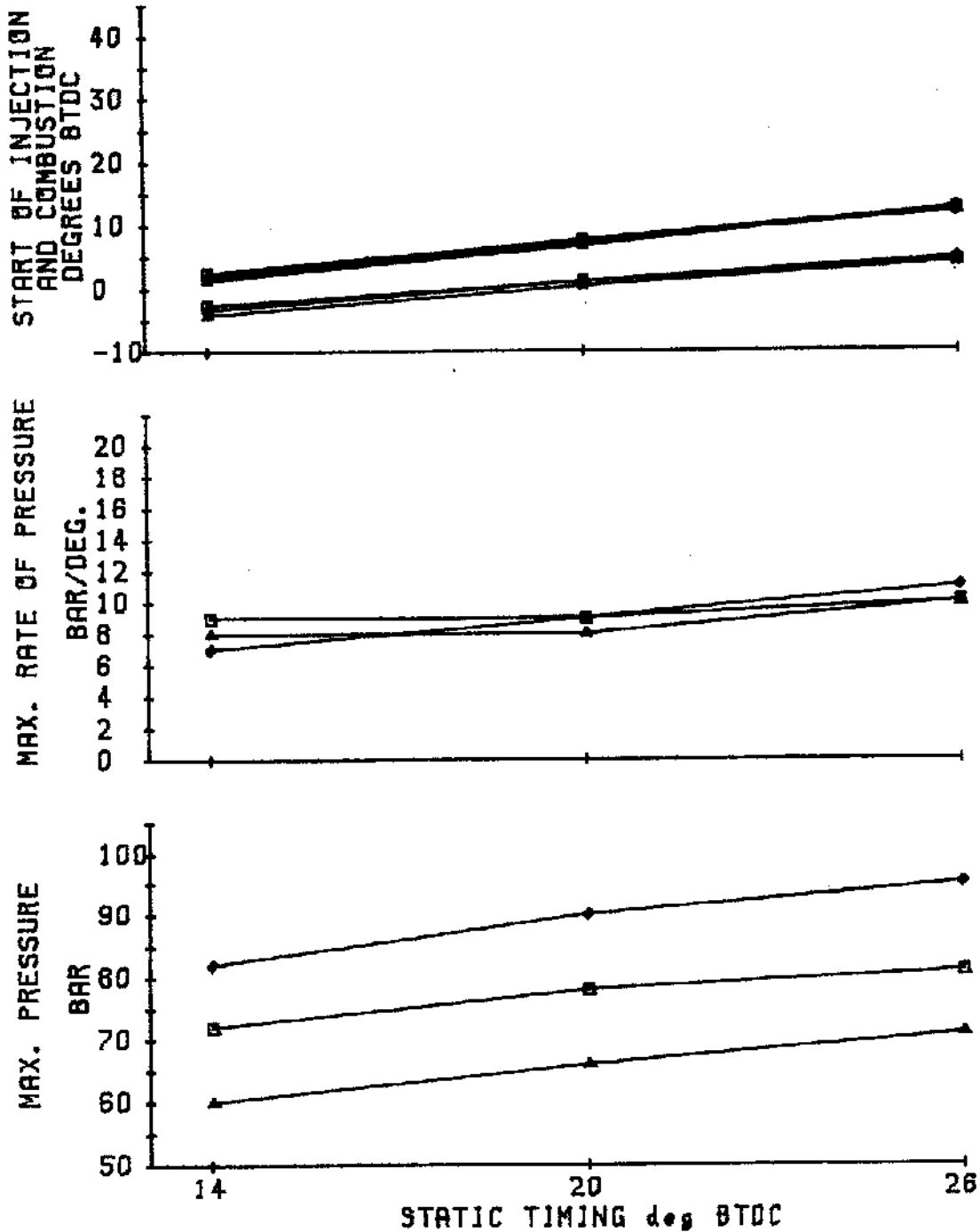
ENGINE : FORD 3000 CAPACITY: 2660	• FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD DIST 100 800 R.P.M.
EFFECT OF STATIC TIMING ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP94	



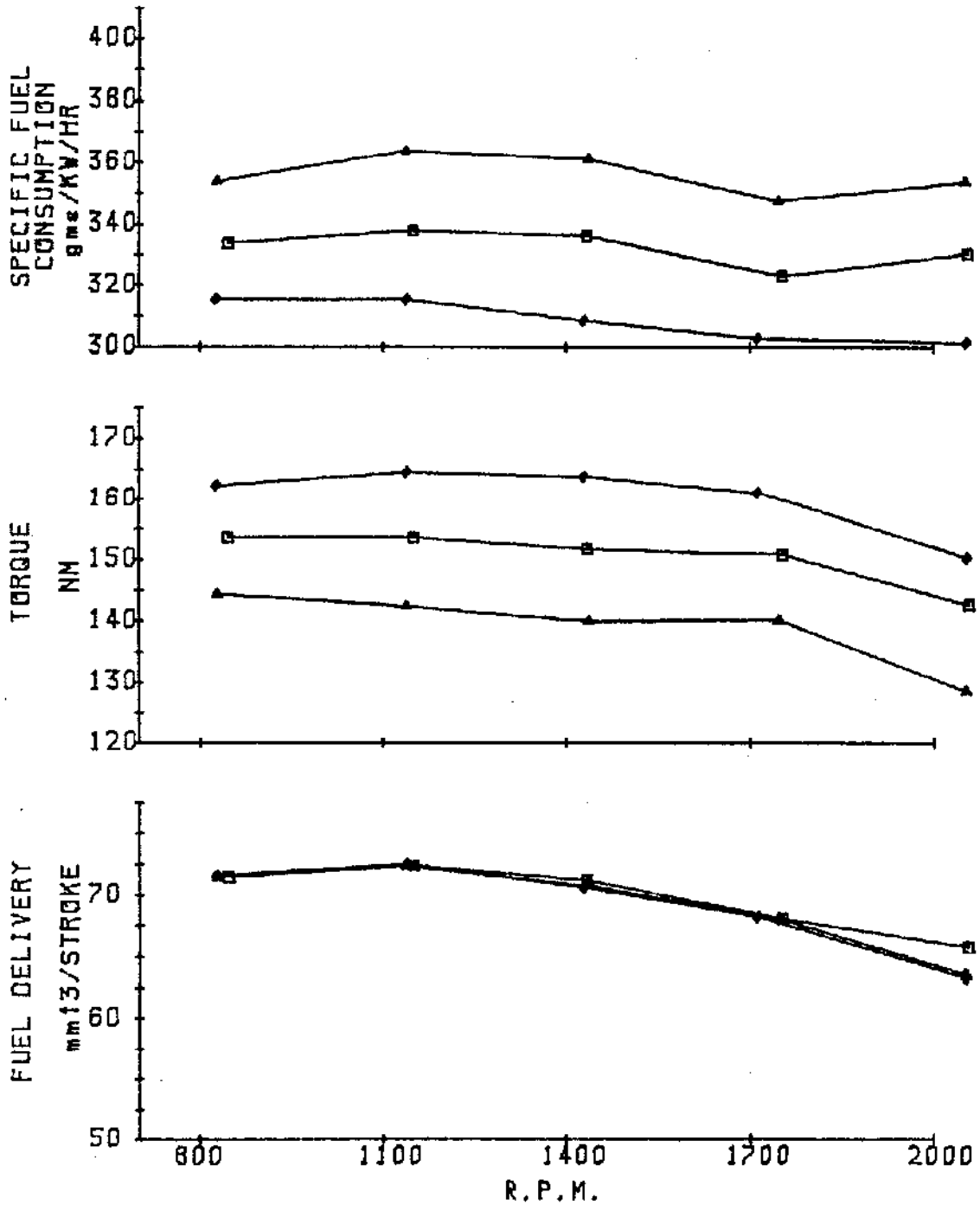
ENGINE : FORD 3000 CAPACITY: 2860	• FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD TEGDN3.9 2000 R.P.M.
EFFECT OF STATIC TIMING ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	
FIG AP95	



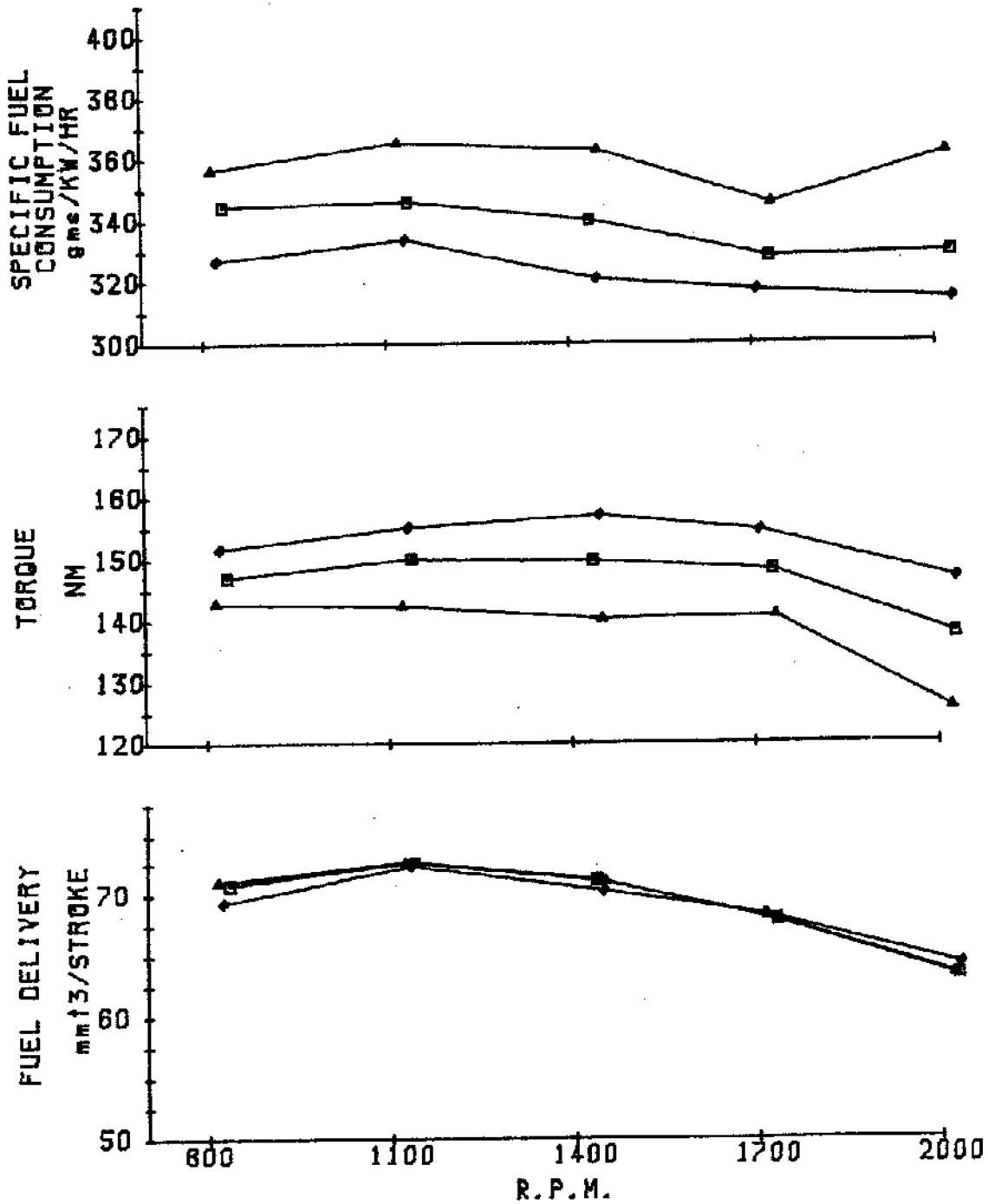
ENGINE : FORD 3000 CAPACITY: 2860	◆ FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD
EFFECT OF STATIC TIMING ON START OF: INJECTION, COMBUSTION,	TEGDN3.9 1400 R.P.M.
MAX. PRESSURE & PRESSURE RATE <div style="text-align: right;">FIG AP96</div>	



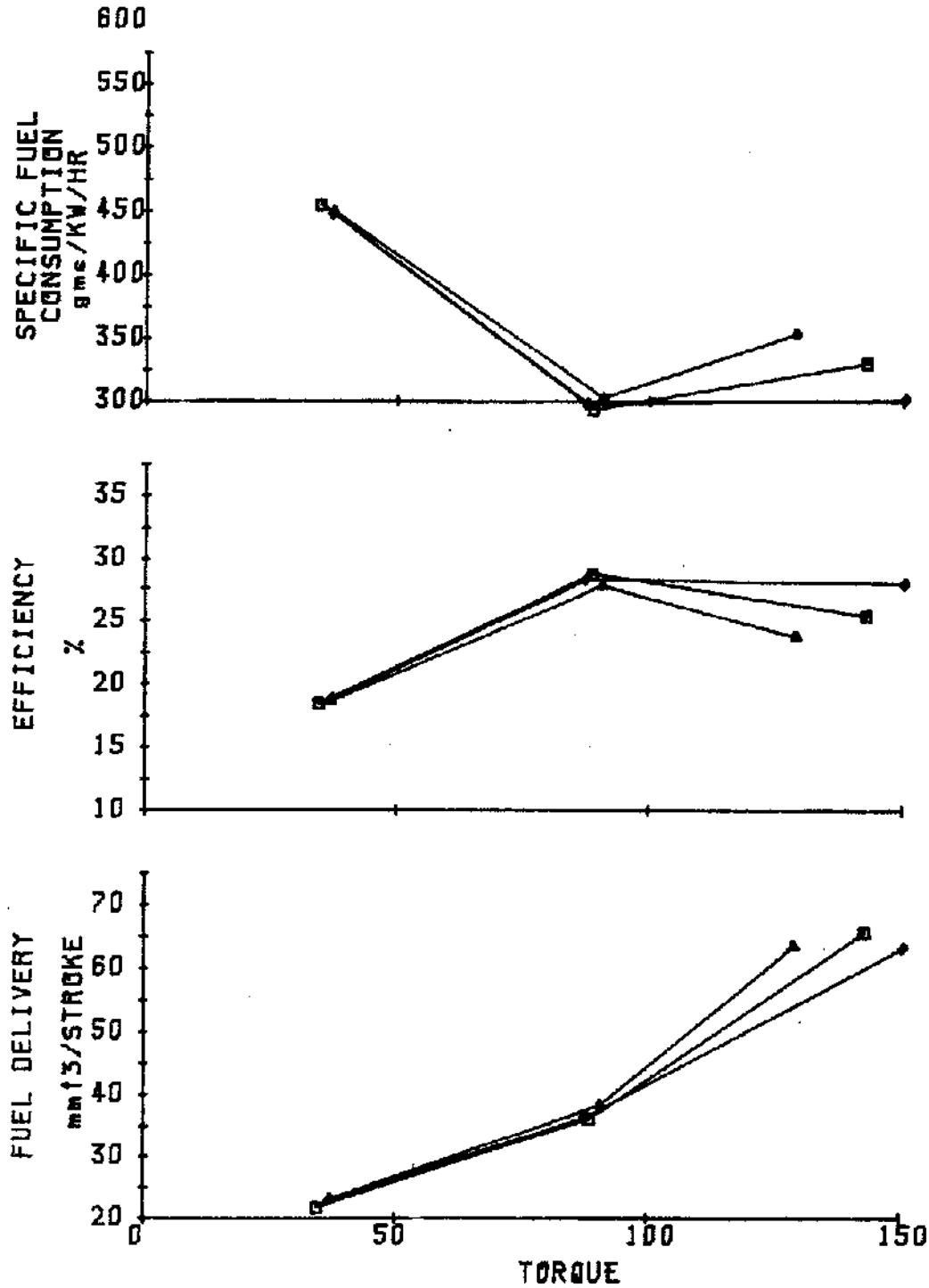
ENGINE : FORD 3000 CAPACITY: 2860	◆ FULL LOAD ■ 2/3 LOAD ▲ 1/3 LOAD TECDN3.9 600 R.P.M.
EFFECT OF STATIC TIMING ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	FIG AP97



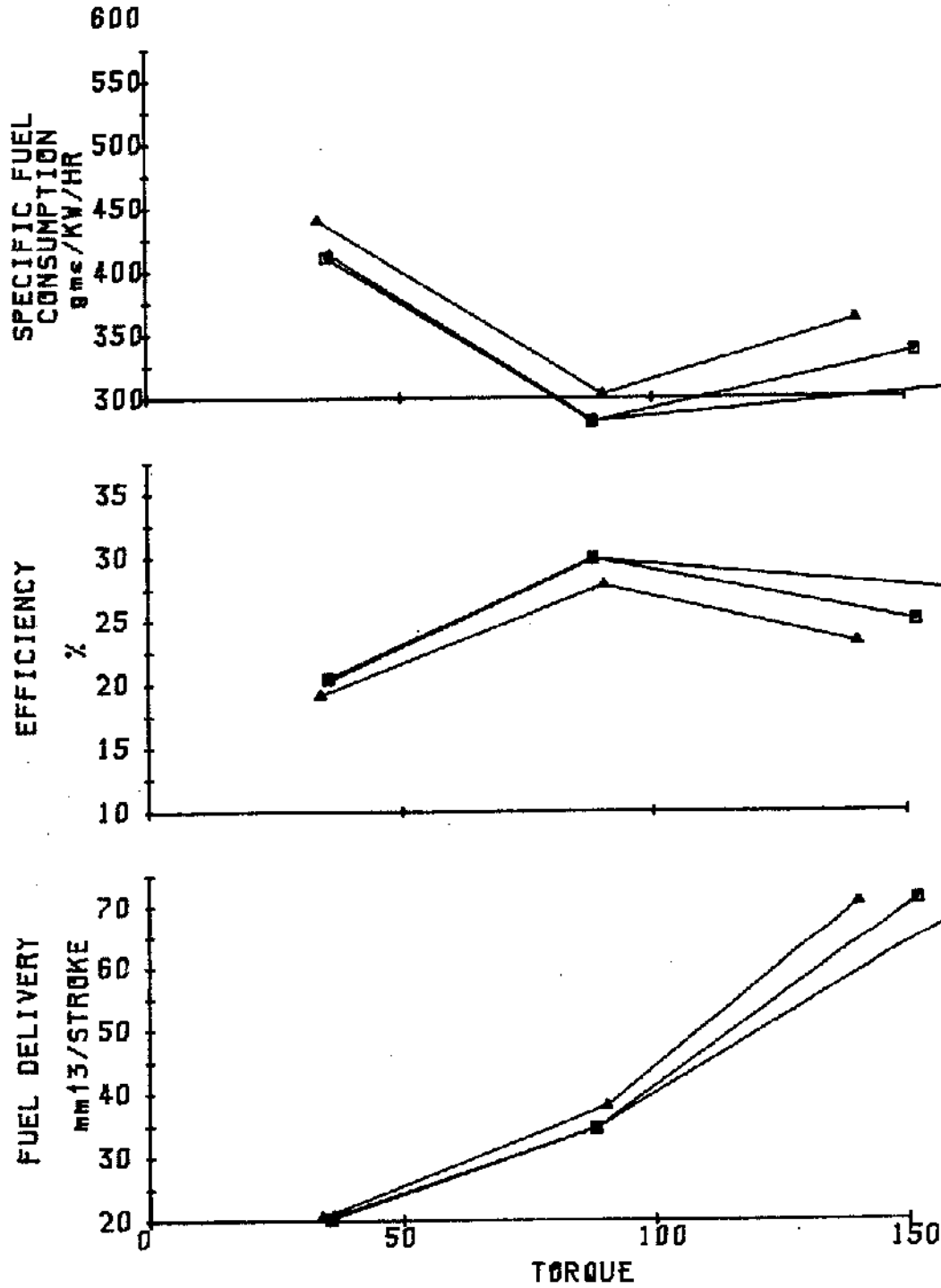
ENGINE : FORD 3000 CAPACITY: 2860	• 14 deg BTDC □ 20 deg BTDC ▲ 26 deg BTDC DIST 100 FULL LOAD
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, TORQUE & S.F.C.	FIG AP98



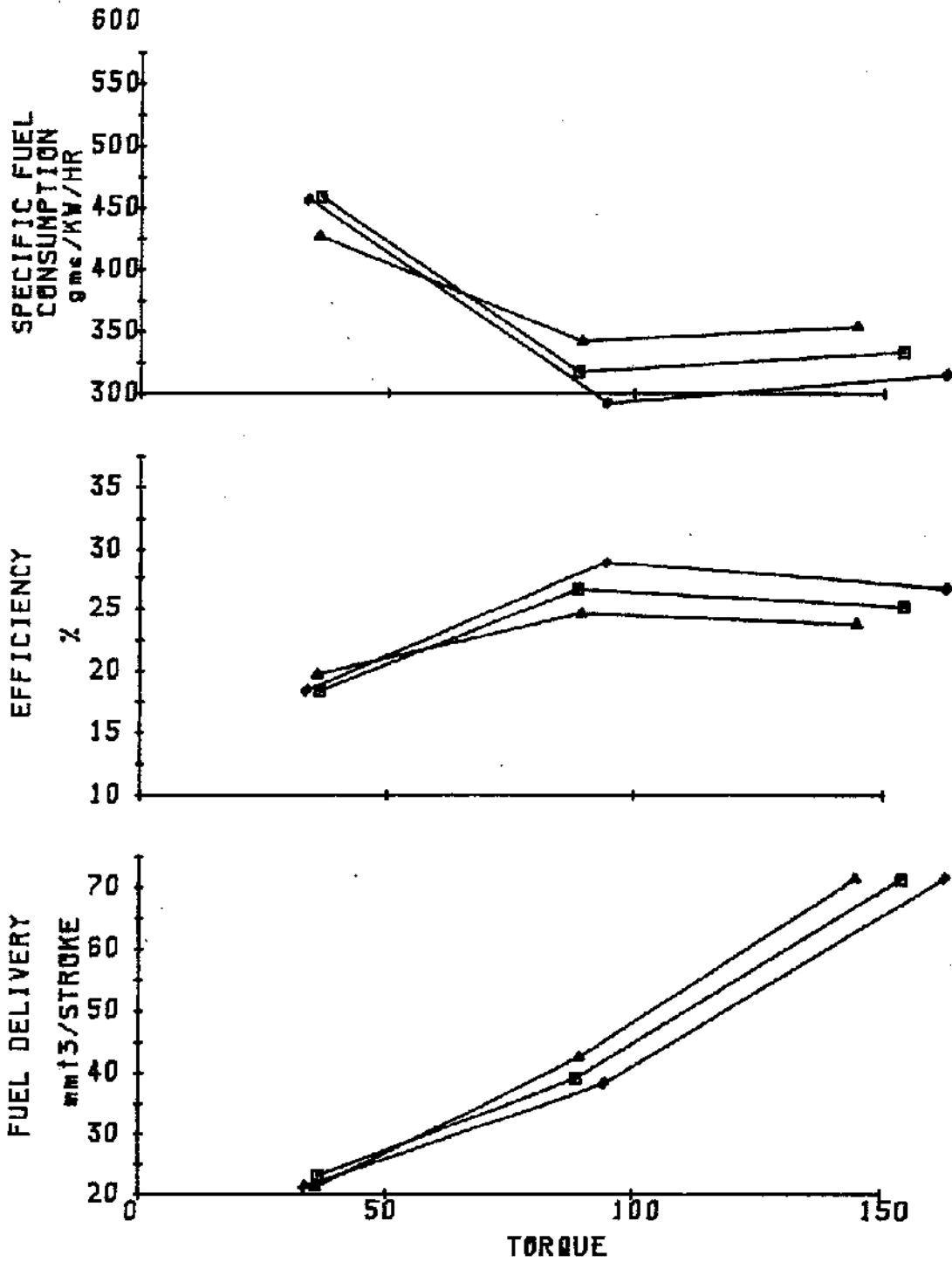
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 FULL LOAD
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, TORQUE & S.F.C.	FIG AP99



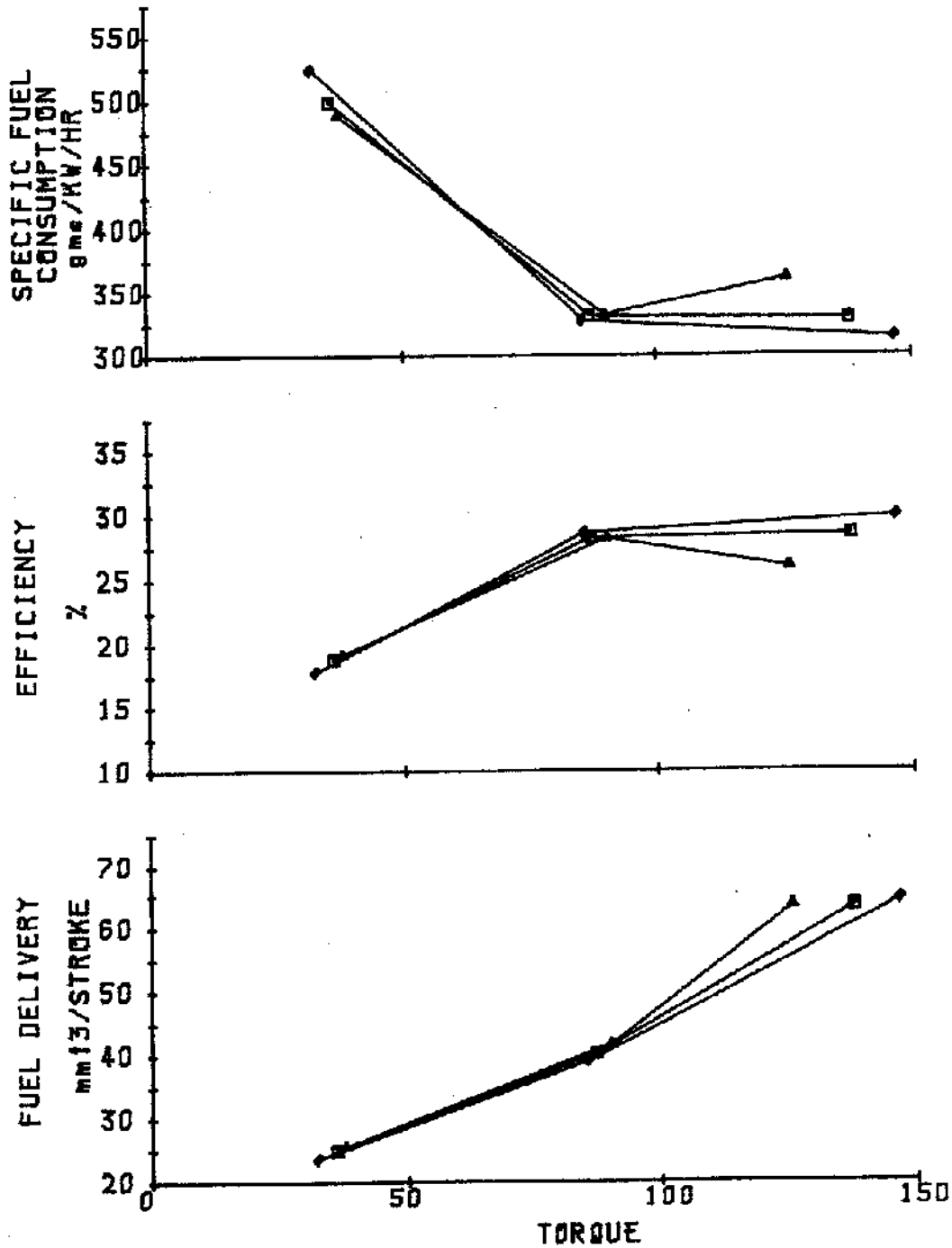
ENGINE : FORD 3000 CAPACITY: 2860	• 14 deg BTDC ◻ 20 deg BTDC ▲ 26 deg BTDC DIST 100 2000 R.P.M.
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP100	



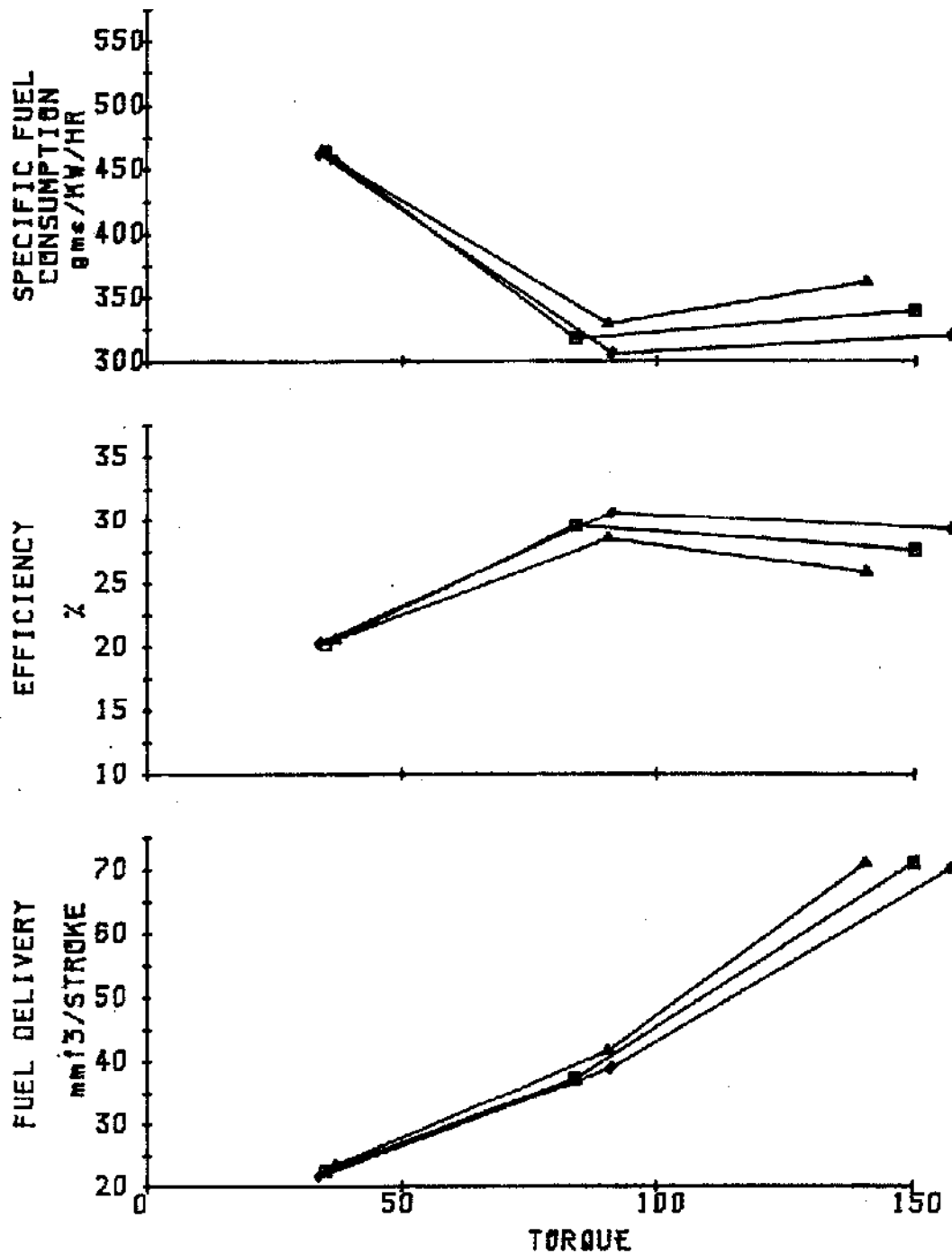
ENGINE : FORD 3000 CAPACITY: 2860	♦ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC DJST 100 1400 R.P.M.
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	FIG AP101



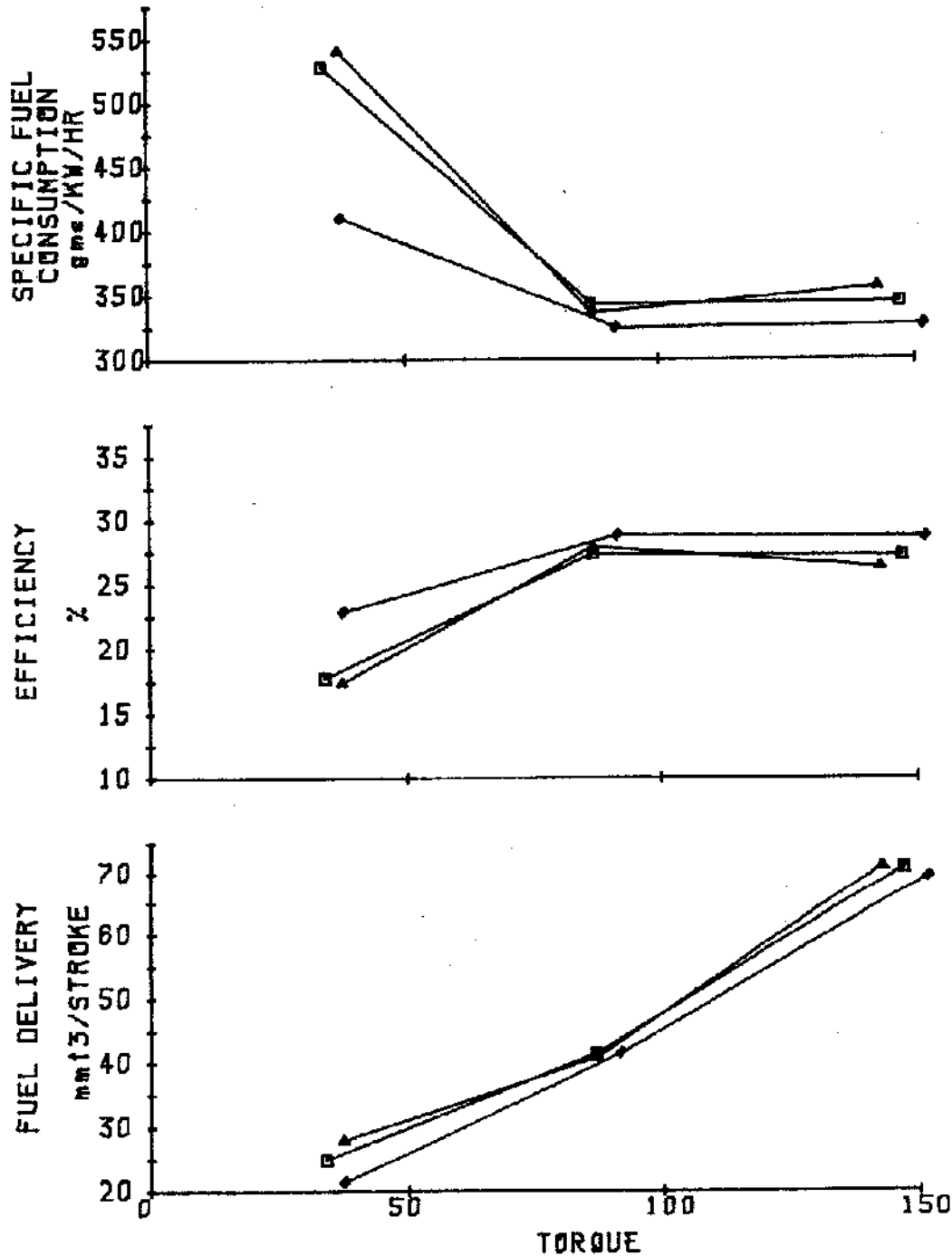
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC DIST 100 800 R.P.M.
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	FIG AP102



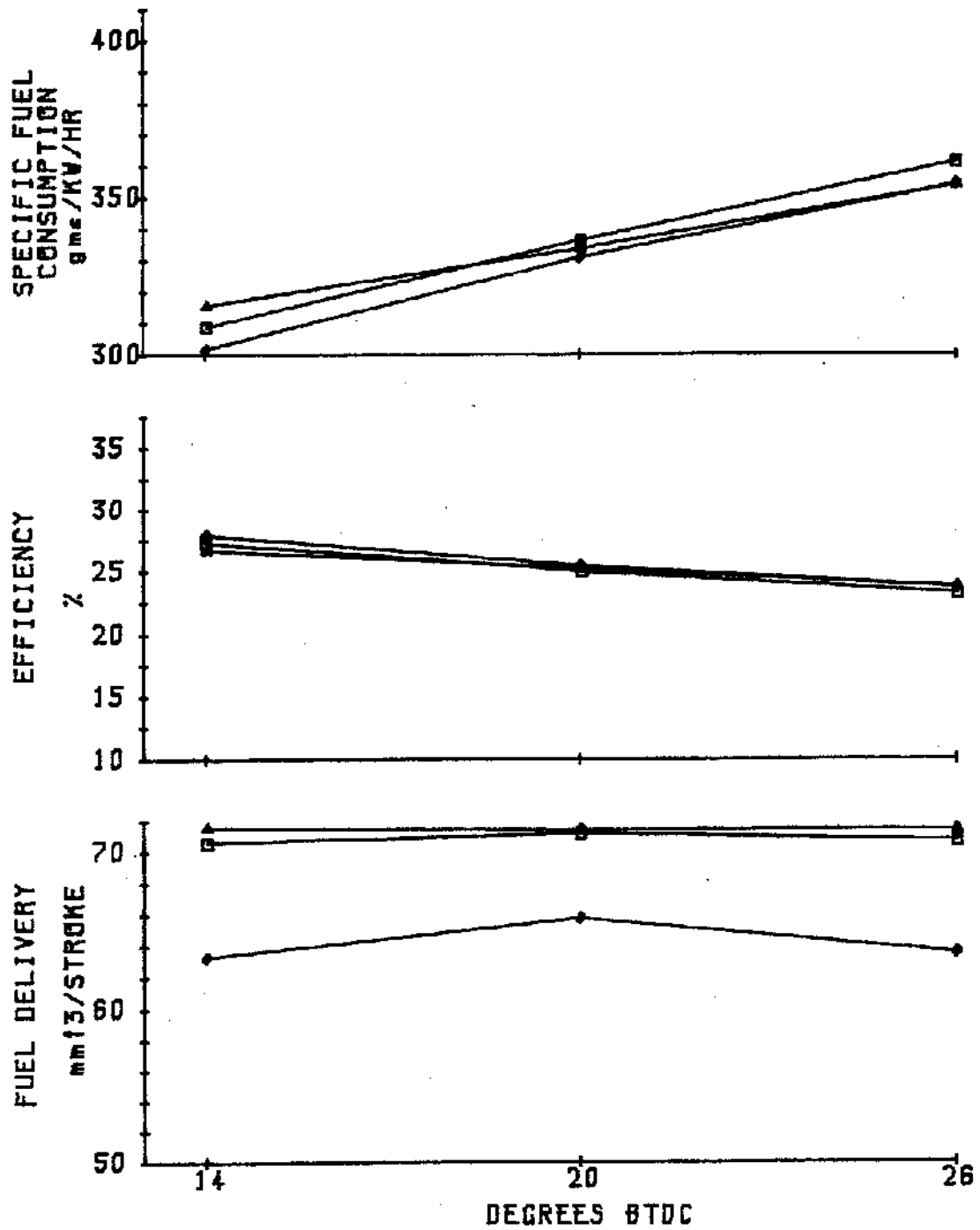
ENGINE : FORD 3000 CAPACITY: 2860	◆ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 2000 R.P.M.
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	FIG AP103



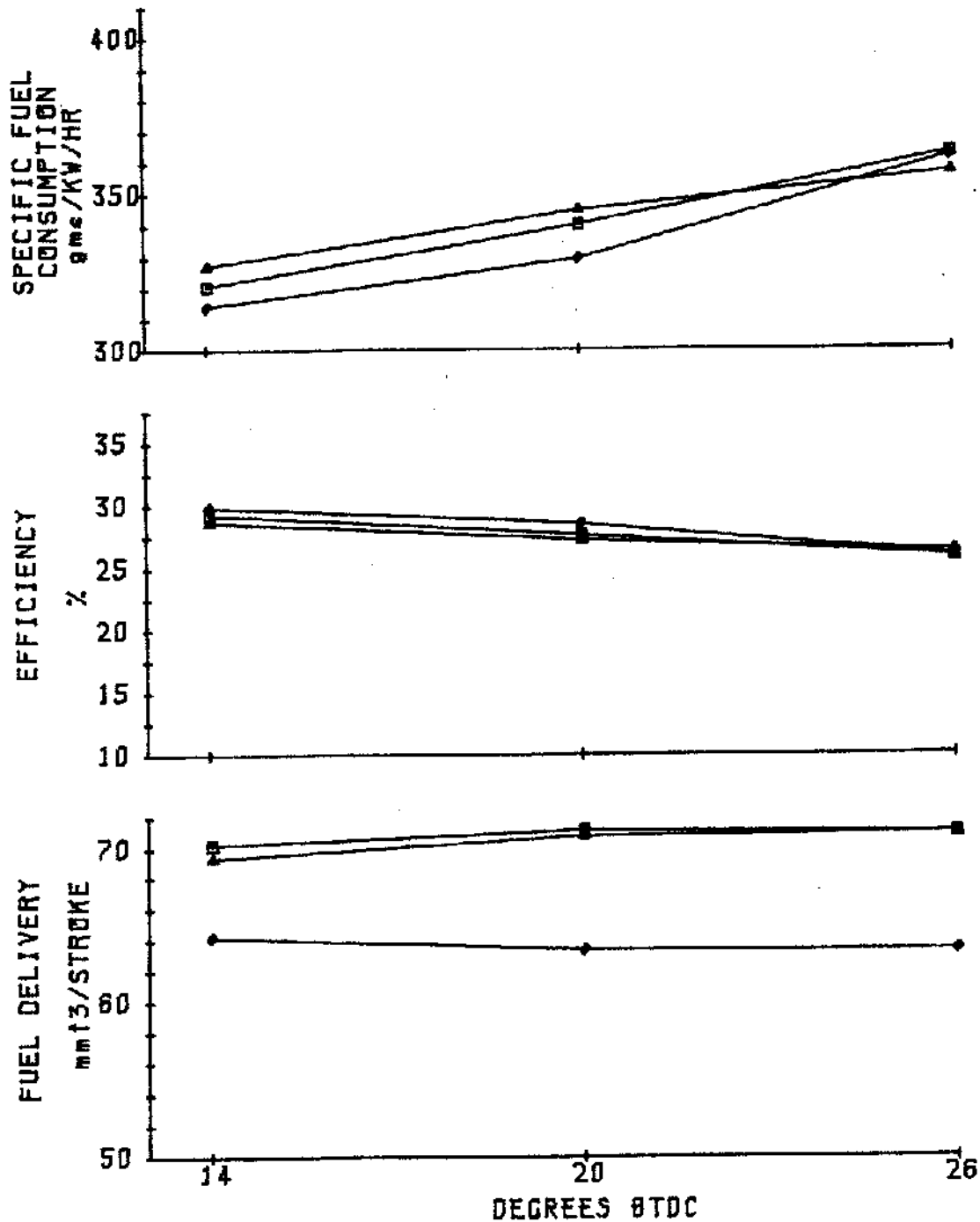
ENGINE : FORD 3000 CAPACITY: 2860	♦ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 1400 R.P.M.
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP104	



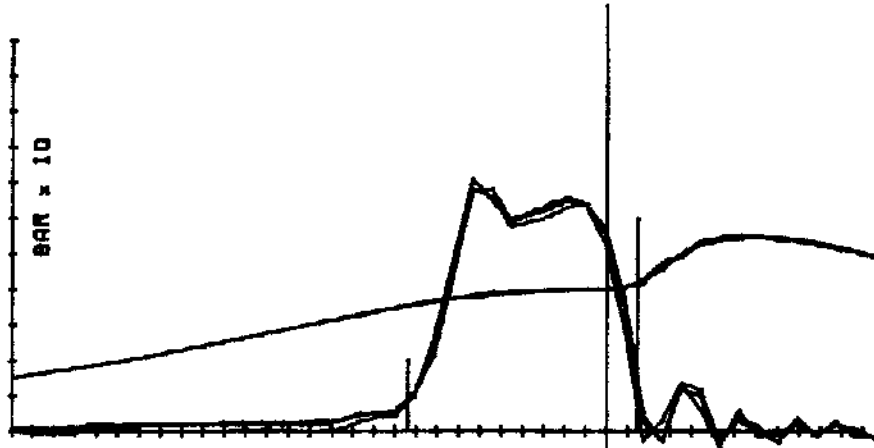
ENGINE : FORD 3000 CAPACITY: 2860	♦ 14 deg BTDC ■ 20 deg BTDC ▲ 26 deg BTDC TEGDN3.9 800 R.P.M.
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP105	



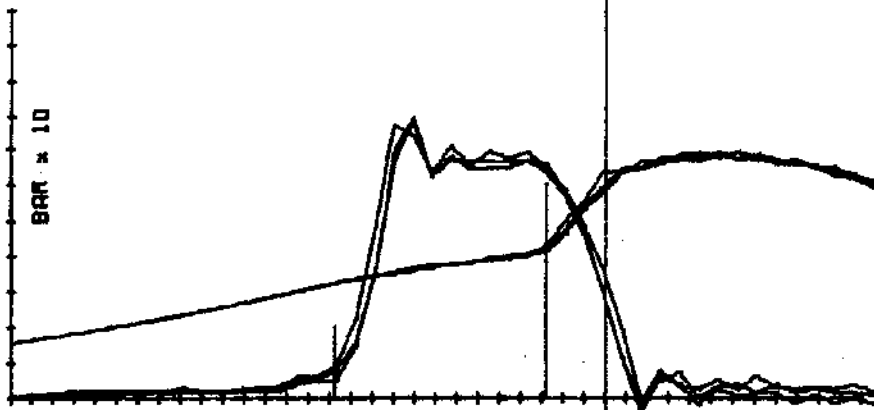
ENGINE : FORD 3000 CAPACITY: 2860	♦ 2000 R.P.M. ■ 1400 R.P.M. ▲ 800 R.P.M.
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	DIST 100 FULL LOAD
FIG AP106	



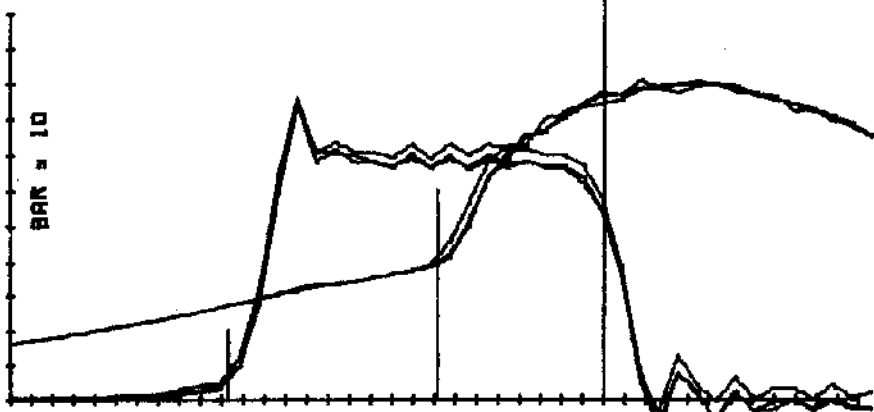
ENGINE : FORD 3000 CAPACITY: 2860	◆ 2000 R.P.M. ■ 1400 R.P.M. ▲ 800 R.P.M. TEGDN3.9 FULL LOAD
EFFECT OF STATIC TIMING ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	
FIG AP107	



AVERAGE
 TORQUE : 36
 R.P.M. : 2032
 START OF
 INJN. : 5.4
 COMBN. : -1.4
 DELAY
 DEGREES : 10.6
 MS : .667
 MAXIMUM
 PRESSURE: 55.5
 RATE : 5
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 164



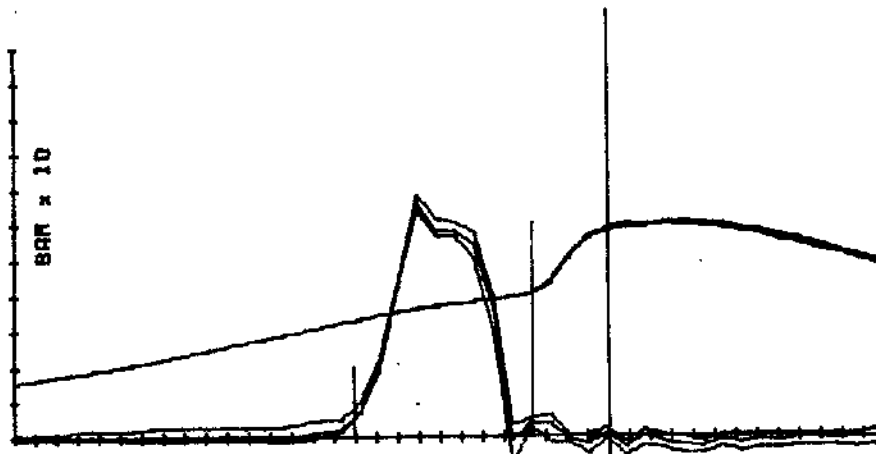
AVERAGE
 TORQUE : 67
 R.P.M. : 2044
 START OF
 INJN. : 12.6
 COMBN. : 2.6
 DELAY
 DEGREES : 10
 MS : .614
 MAXIMUM
 PRESSURE: 69.2
 RATE : 7.6
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 269



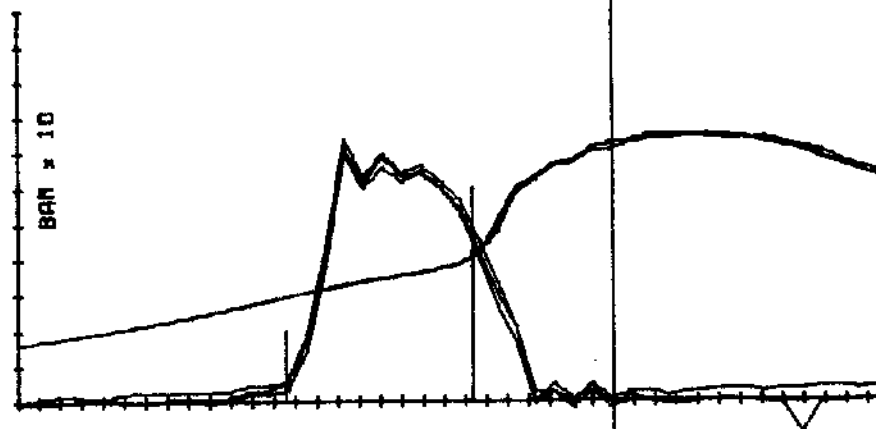
AVERAGE
 TORQUE : 151
 R.P.M. : 2038
 START OF
 INJN. : 17.7
 COMBN. : 7.9
 DELAY
 DEGREES : 9.8
 MS : .605
 MAXIMUM
 PRESSURE: 90.8
 RATE : 12.3
 TEMPERATURES
 AIR INLET: 32
 EXHAUST : 420

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2660	C.V. : 42.75
TEST ID. : UNID016	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP108	



AVERAGE
 TORQUE : 38
 R.P.M. : 1426
 START OF
 INJN. : 12.1
 COMBN. : 3.6
 DELAY
 DEGREES : 6.5
 MS : .89
 MAXIMUM
 PRESSURE: 80.5
 RATE : 7.1
 TEMPERATURES
 AIR INLET: 20
 EXHAUST : 151



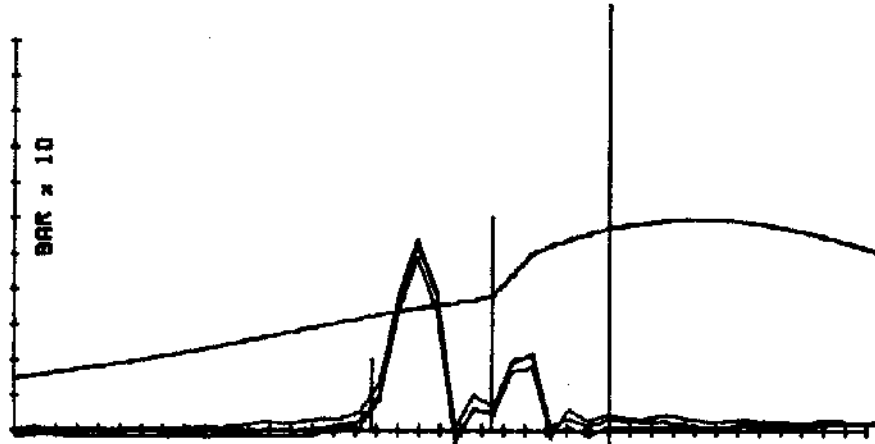
AVERAGE
 TORQUE : 92
 R.P.M. : 1437
 START OF
 INJN. : 15.5
 COMBN. : 6.7
 DELAY
 DEGREES : 6.8
 MS : 1.019
 MAXIMUM
 PRESSURE: 75
 RATE : 9.6
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 226



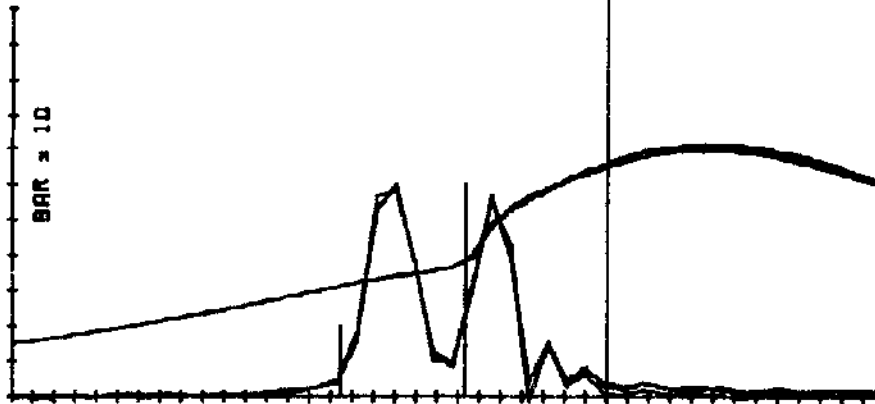
AVERAGE
 TORQUE : 160
 R.P.M. : 1451
 START OF
 INJN. : 19.6
 COMBN. : 10.6
 DELAY
 DEGREES : 9
 MS : 1.025
 MAXIMUM
 PRESSURE: 96.9
 RATE : 11.2
 TEMPERATURES
 AIR INLET: 33
 EXHAUST : 400

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID016	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP109	



AVERAGE
 TORQUE : 38
 R.P.M. : 812
 START OF
 INJN. : 13.2
 COMBN. : 5.5
 DELAY
 DEGREES : 5.7
 MS : 1.167
 MAXIMUM
 PRESSURE: 59.9
 RATE : 8
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 127



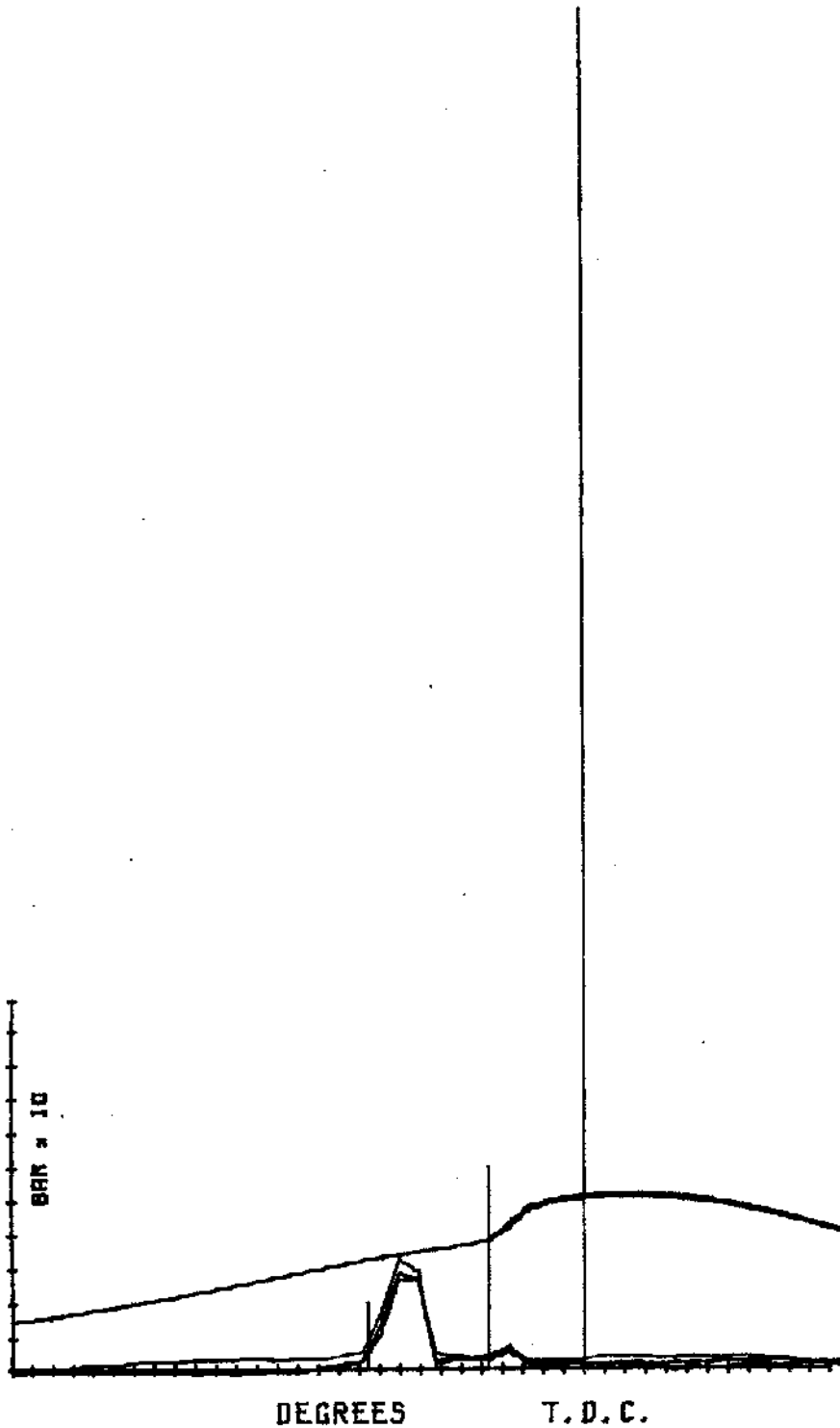
AVERAGE
 TORQUE : 93
 R.P.M. : 834
 START OF
 INJN. : 12.8
 COMBN. : 8.7
 DELAY
 DEGREES : 5.8
 MS : 1.172
 MAXIMUM
 PRESSURE: 70.4
 RATE : 8.3
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 185



AVERAGE
 TORQUE : 155
 R.P.M. : 838
 START OF
 INJN. : 14.4
 COMBN. : 8.1
 DELAY
 DEGREES : 5.3
 MS : 1.052
 MAXIMUM
 PRESSURE: 89
 RATE : 8.5
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 322

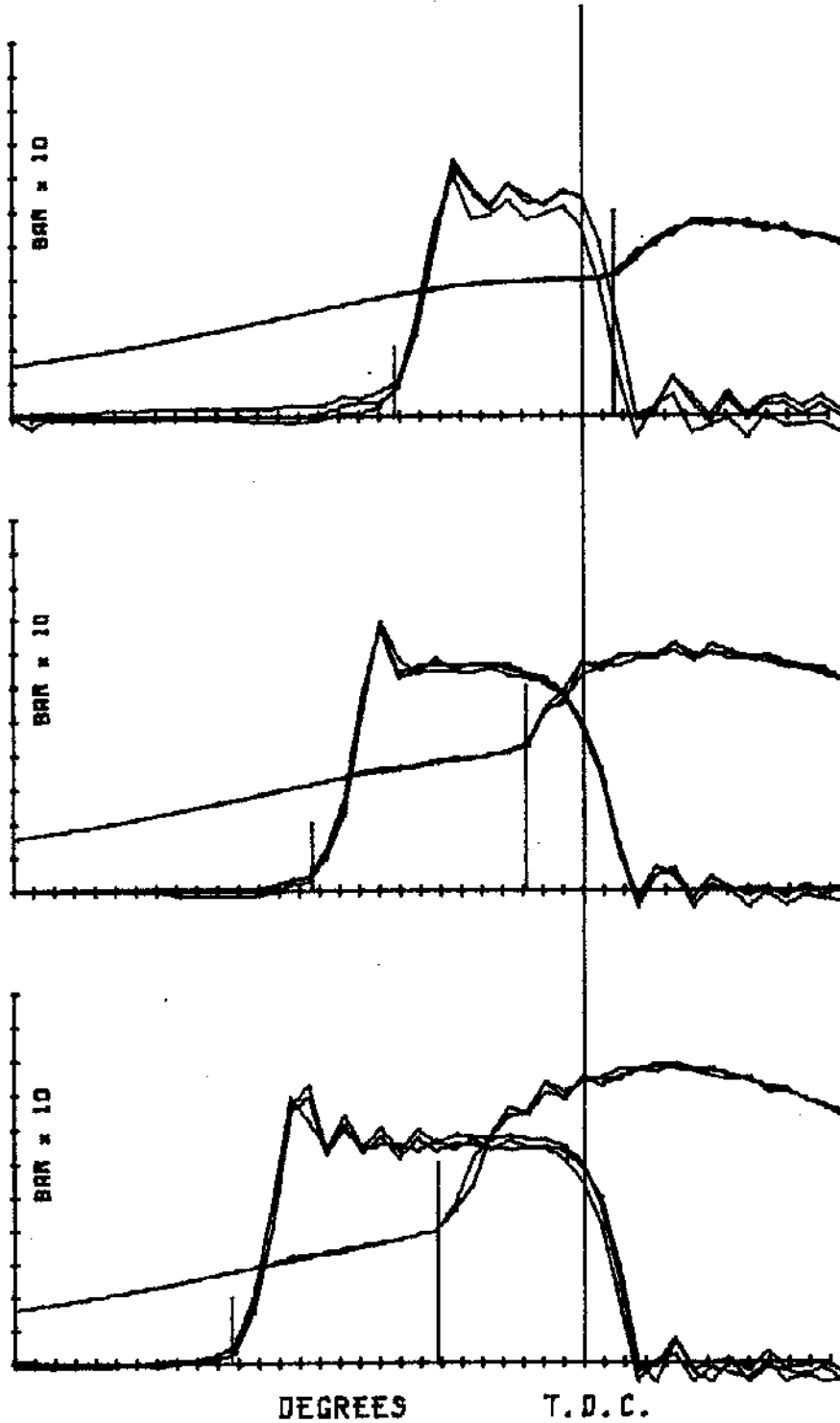
DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2860	C.V. : 42.75
TEST ID. : UNID016	DENSITY : .849
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP110	



AVERAGE
TORQUE : 3
R.P.M. : 613
START OF
INJN. : 10.6
COMMON : 4.0
DELAY
DEGREES : 6
MS : 1.215
MAXIMUM
PRESSURE: 51.7
RATE : 4.8
TEMPERATURES
AIR INLET: 28
EXHAUST : 93

ENGINE : FORD 3000	FUEL ID : DIST 100
CAPACITY : 2660	C.V. : 42.75
TEST ID. : UNID016	DENSITY : .649
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP111	

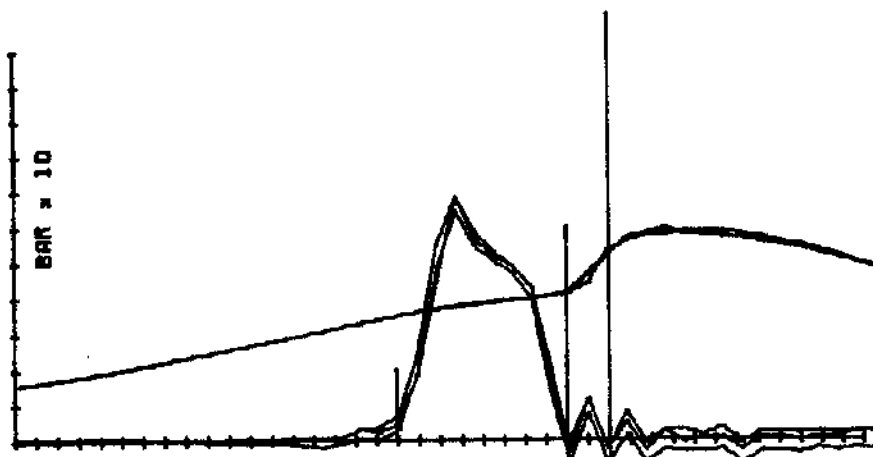


AVERAGE
 TORQUE : 37
 R.P.M. : 2003
 START OF
 INJN. : 8.3
 COMBN. : -1.0
 DELAY
 DEGREES : 10.8
 MS : .875
 MAXIMUM
 PRESSURE: 57.1
 RATE : 5.7
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 165

AVERAGE
 TORQUE : 80
 R.P.M. : 2024
 START OF
 INJN. : 13.4
 COMBN. : 2.6
 DELAY
 DEGREES : 10.8
 MS : .87
 MAXIMUM
 PRESSURE: 72.1
 RATE : 10.1
 TEMPERATURES
 AIR INLET: 28
 EXHAUST : 270

AVERAGE
 TORQUE : 142
 R.P.M. : 2040
 START OF
 INJN. : 17.3
 COMBN. : 7.2
 DELAY
 DEGREES : 10.1
 MS : .828
 MAXIMUM
 PRESSURE: 88.3
 RATE : 13.8
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 372

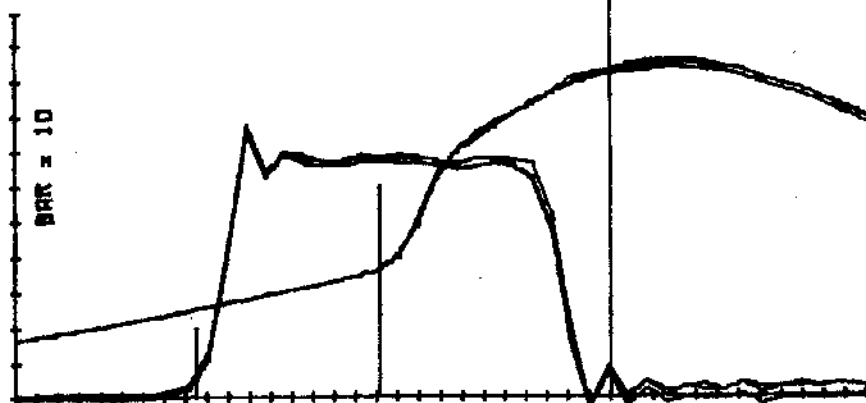
ENGINE : FORD 3000	FUEL ID : E25/3.9TEGDN
CAPACITT : 2860	C.V. : 37.66
TEST ID. : UNID017	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP112	



AVERAGE
 TORQUE : 34
 R.P.M. : 1424
 START OF
 INJN. : 10.1
 COMBN. : 2
 DELAY
 DEGREES : 8.1
 MS : .848
 MAXIMUM
 PRESSURE: 58.9
 RATE : 6.5
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 145



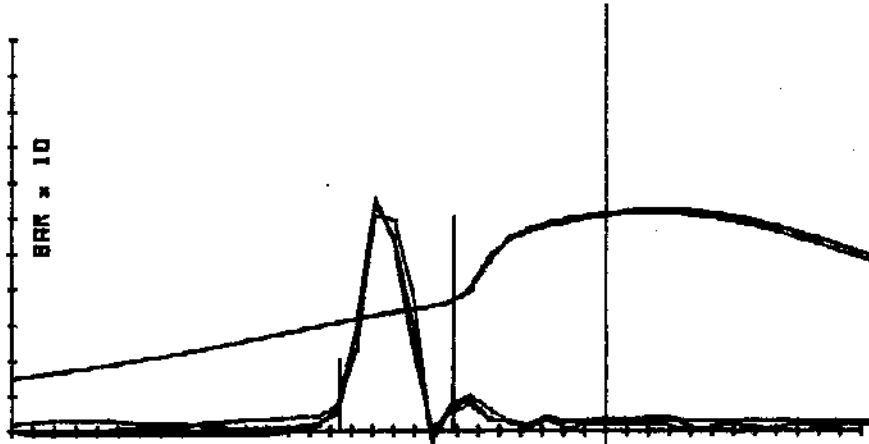
AVERAGE
 TORQUE : 69
 R.P.M. : 1428
 START OF
 INJN. : 15.1
 COMBN. : 6.6
 DELAY
 DEGREES : 8.3
 MS : .889
 MAXIMUM
 PRESSURE: 76
 RATE : 9.8
 TEMPERATURES
 AIR INLET: 26
 EXHAUST : 221



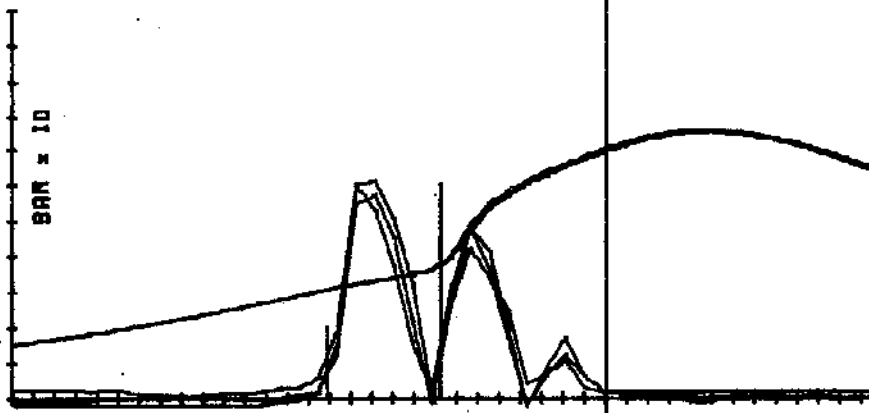
AVERAGE
 TORQUE : 155
 R.P.M. : 1438
 START OF
 INJN. : 19.5
 COMBN. : 10.8
 DELAY
 DEGREES : 8.6
 MS : .889
 MAXIMUM
 PRESSURE: 84.8
 RATE : 12.8
 TEMPERATURES
 AIR INLET: 30
 EXHAUST : 306

DEGREES T.D.C.

ENGINE : FORD 3000	FUEL ID : E25/3.9TEGDN
CAPACITY : 2860	C.V. : 37.66
TEST ID. : UN10017	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP113	



AVERAGE
 TORQUE : 38
 R.P.M. : 607
 START OF
 INJN. : 12.5
 COMBN. : 7.1
 DELAY
 DEGREES : 5.4
 mS : 1.113
 MAXIMUM
 PRESSURE: 62
 RATE : 6.8
 TEMPERATURES
 AIR INLET: 26
 EXHAUST : 122



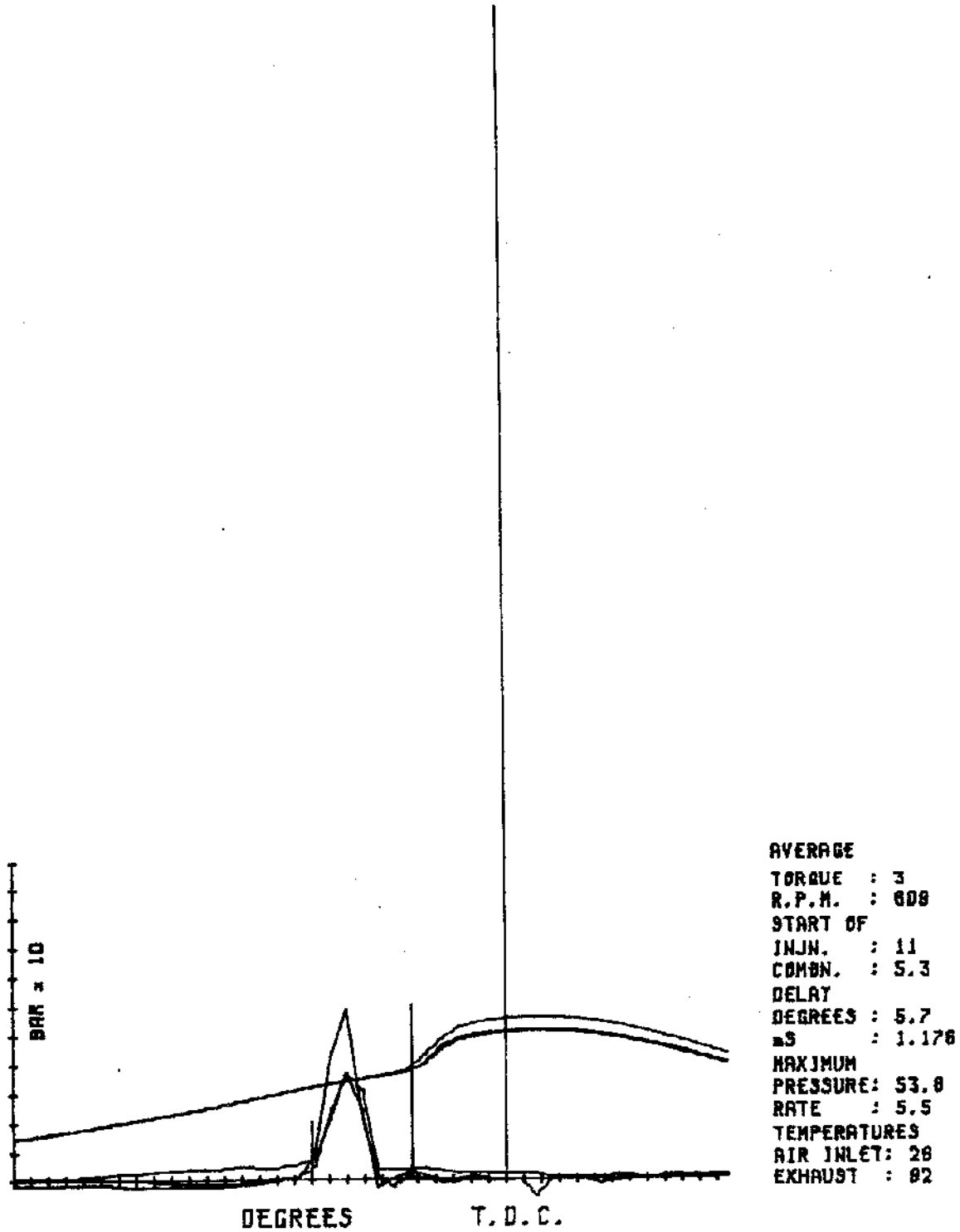
AVERAGE
 TORQUE : 89
 R.P.M. : 613
 START OF
 INJN. : 13.2
 COMBN. : 7.7
 DELAY
 DEGREES : 5.5
 mS : 1.11
 MAXIMUM
 PRESSURE: 74.9
 RATE : 6.1
 TEMPERATURES
 AIR INLET: 27
 EXHAUST : 190



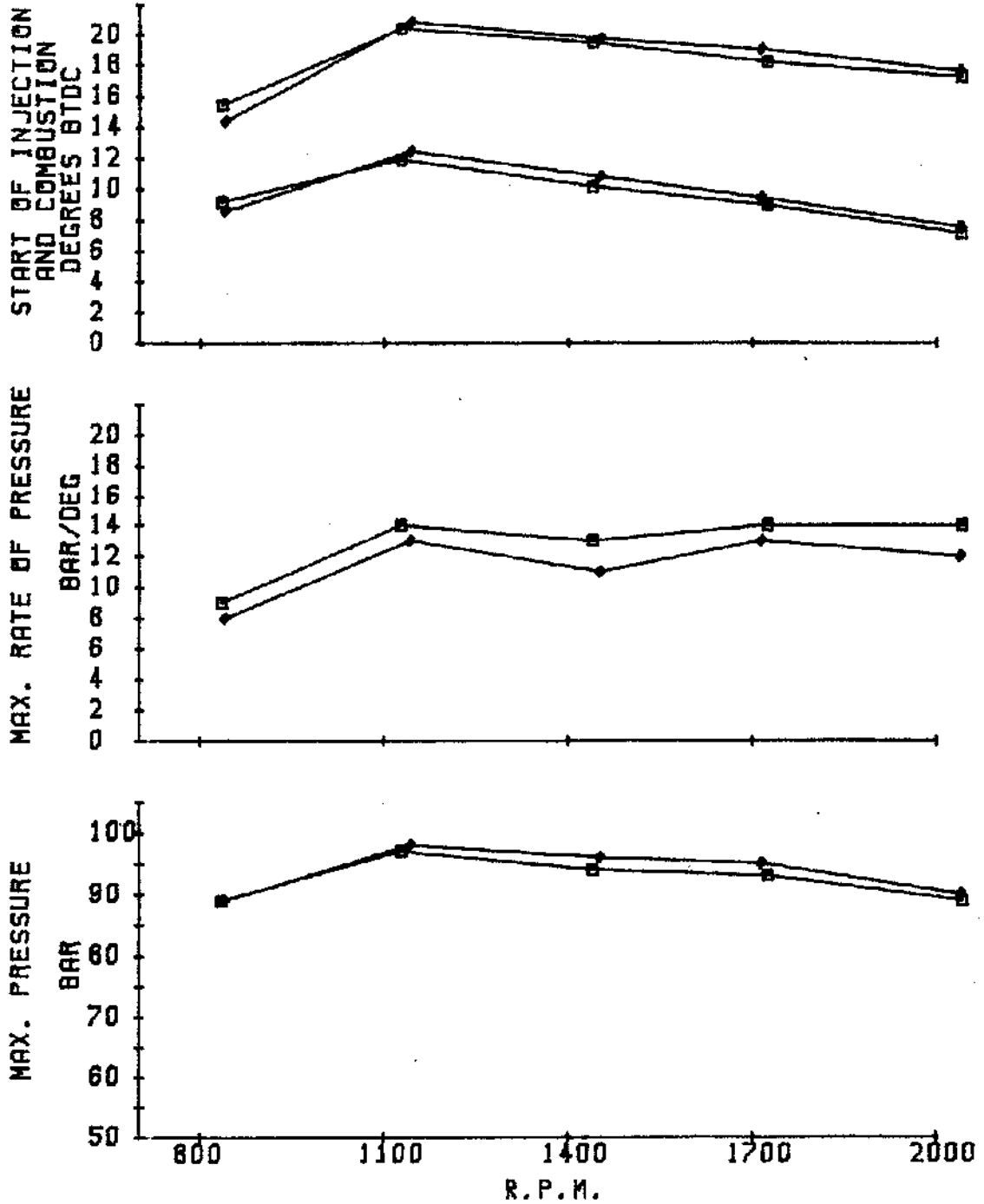
AVERAGE
 TORQUE : 146
 R.P.M. : 633
 START OF
 INJN. : 15.4
 COMBN. : 9.3
 DELAY
 DEGREES : 8.1
 mS : 1.216
 MAXIMUM
 PRESSURE: 69.1
 RATE : 9.1
 TEMPERATURES
 AIR INLET: 29
 EXHAUST : 306

DEGREES T.D.C.

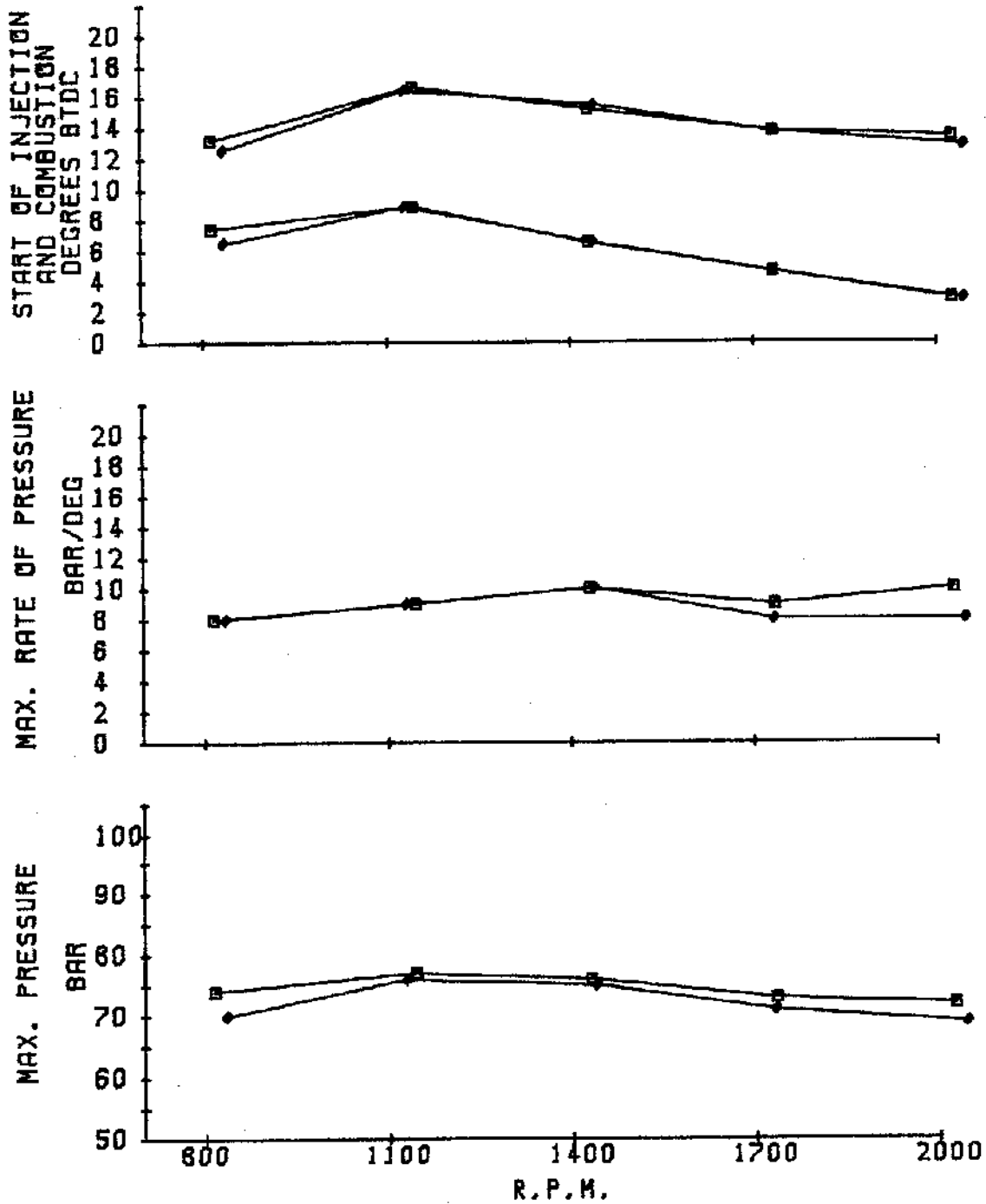
ENGINE : FORD 3000	FUEL ID : E25/3.9TEGDN
CAPACITY : 2860	C.V. : 37.66
TEST ID. : UNID017	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP114	



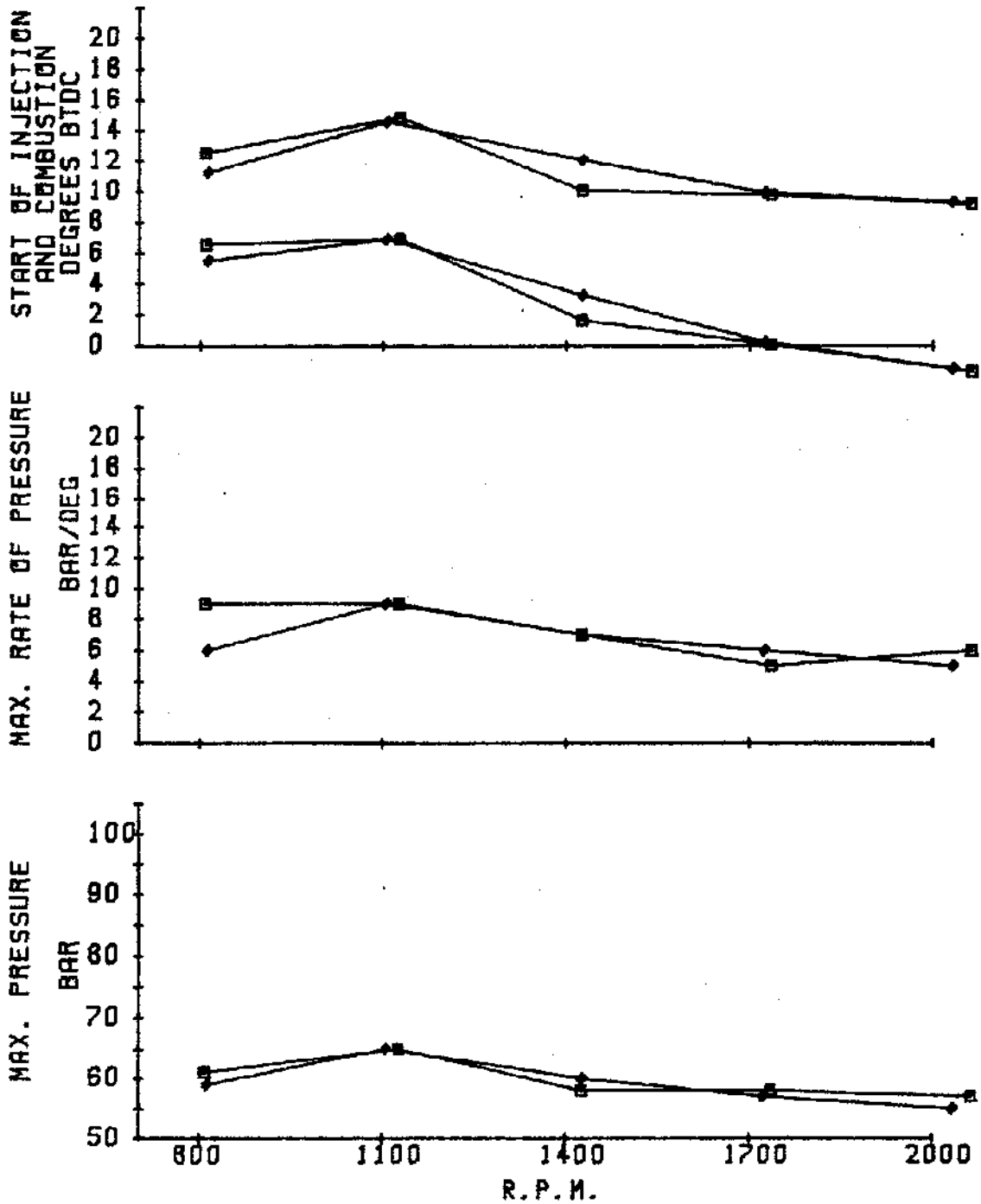
ENGINE : FORD 3000	FUEL ID : E25/3.9TEGDN.
CAPACITY : 2860	C.V. : 37.66
TEST ID. : UN10017	DENSITY : .848
REPEATABILITY OF NEEDLE LIFT AND CYLINDER PRESSURE	
FIG AP115	



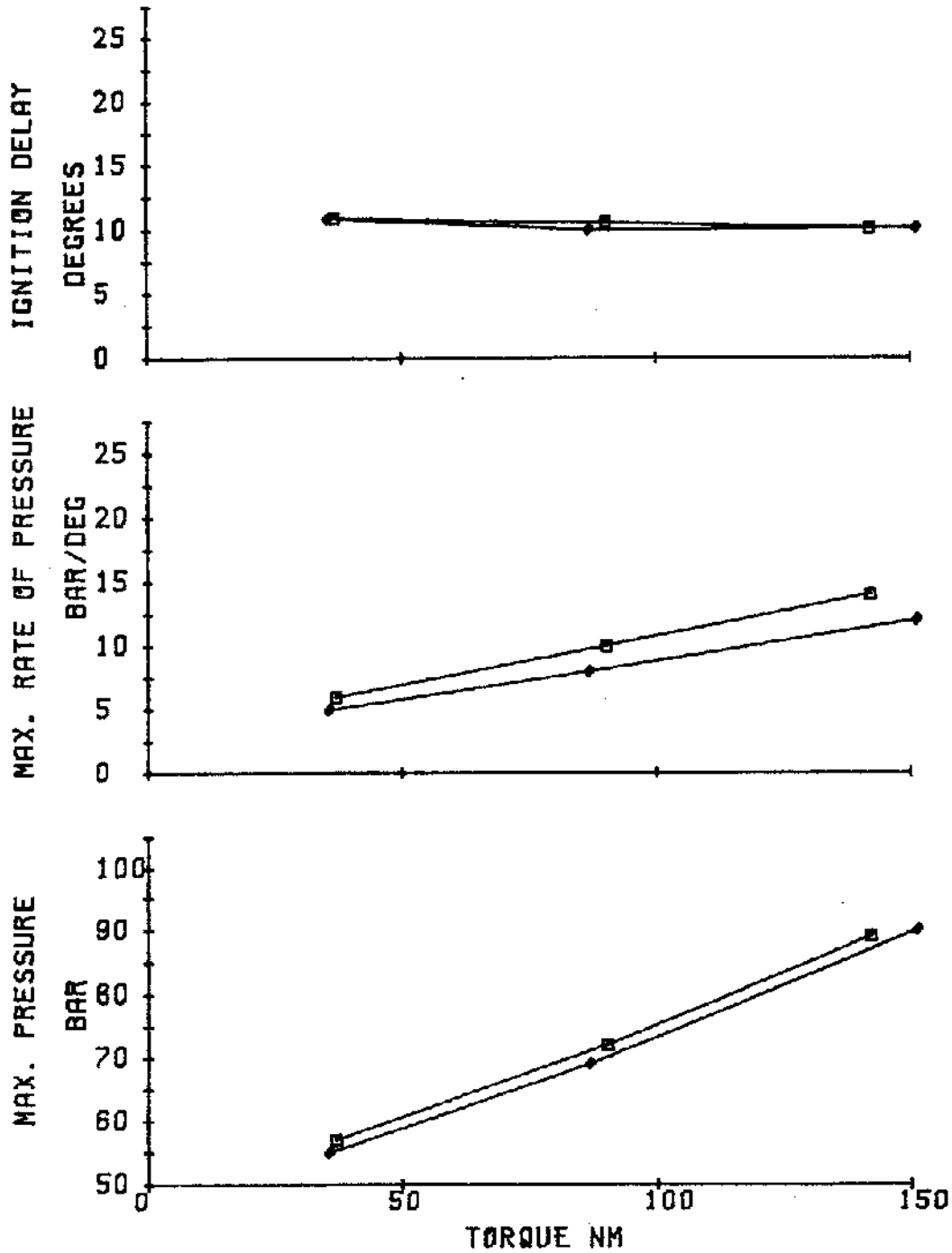
ENGINE : FORD 3000 CAPACITY: 2660	◆ DIST 100 ■ E25/3.9TEGDN
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	18 deg BTDC FULL LOAD FIG AP116



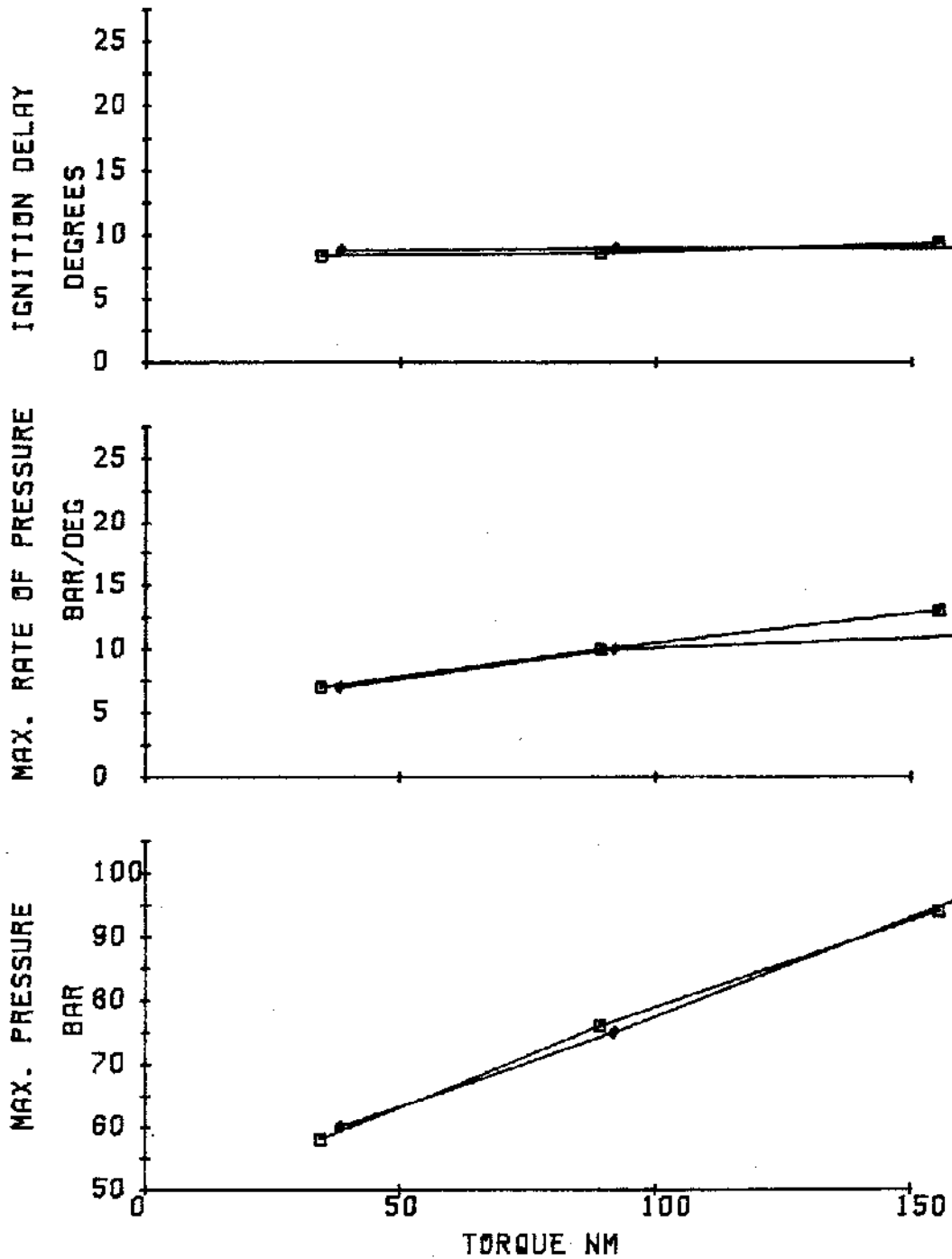
ENGINE : FORD 3000 CAPACITY: 2860	• DIST 100 ■ E25/3.9TEGDN
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	18 deg BTDC 2/3 LOAD FIG AP117



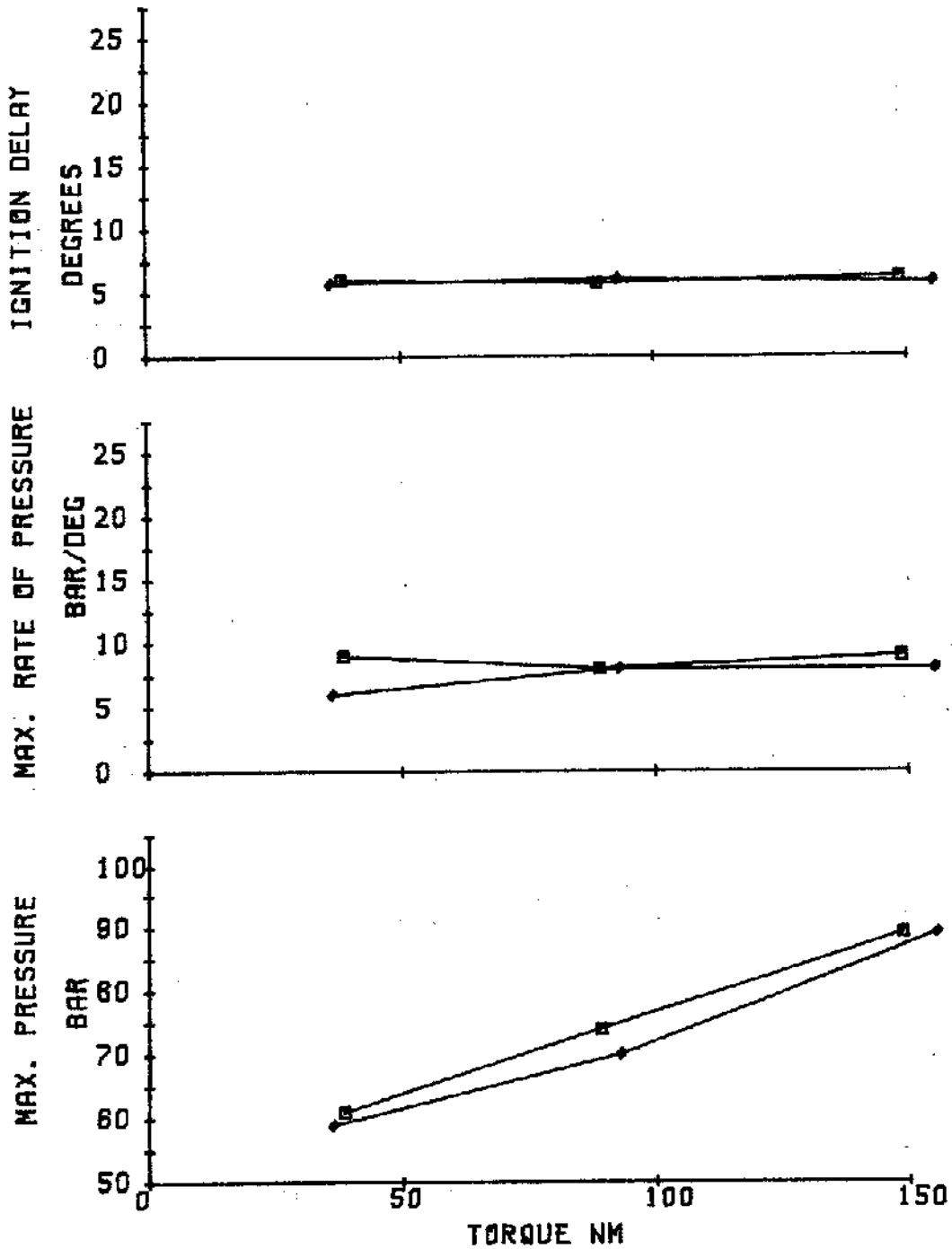
ENGINE : FORD 3000 CAPACITY: 2860	• DIST 100 ■ E25/3.9TEGDN
EFFECT OF TEGDN ON START OF: INJECTION, COMBUSTION, MAX. PRESSURE & PRESSURE RATE	18 deg BTDC 1/3 LOAD FIG AP118



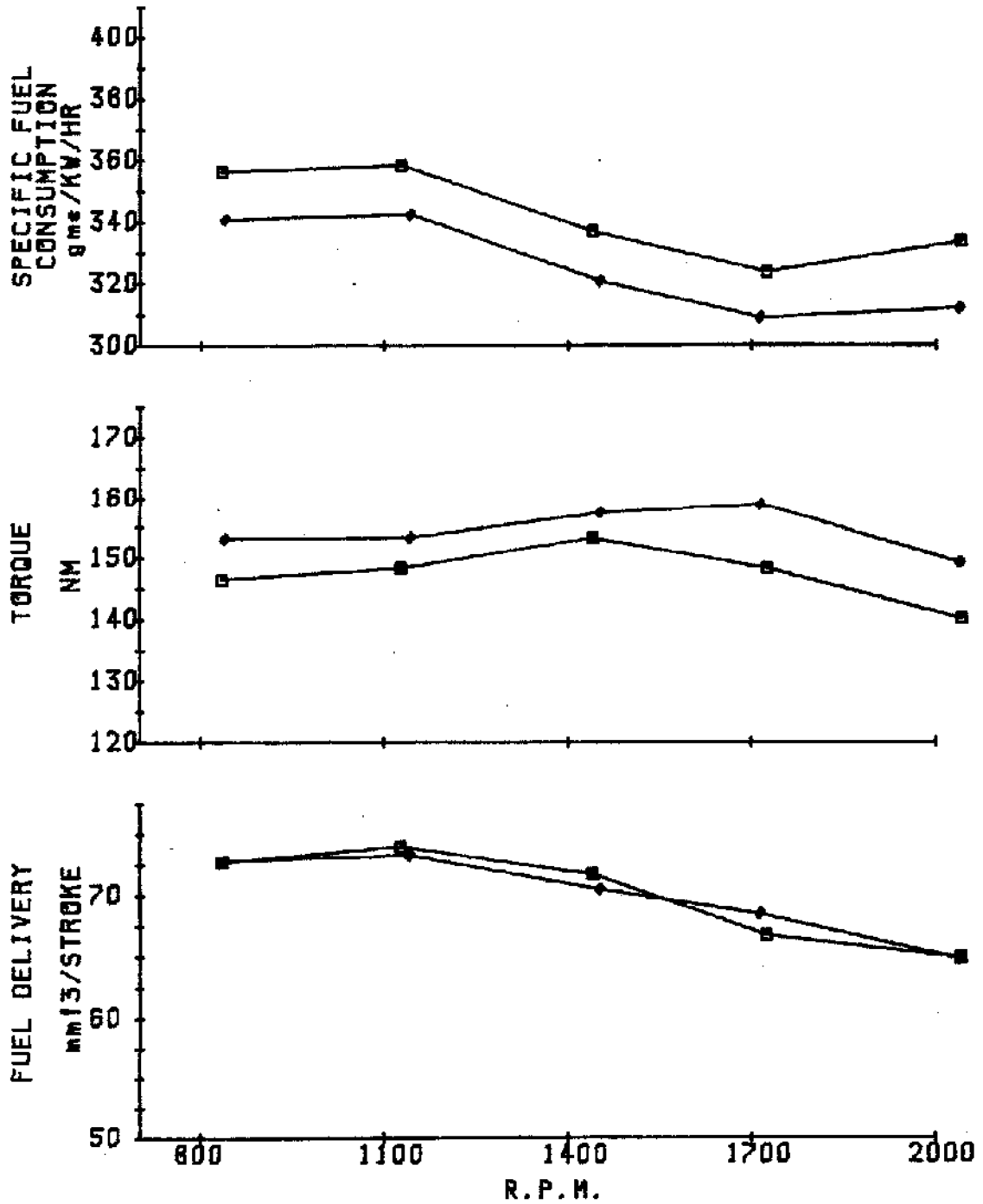
ENGINE : FORD 3000 CAPACITY: 2860	• DIST 100 □ E25/3.9TEGDN
EFFECT OF TEGDN ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	16 deg BTDC 2000 R.P.M. FIG AP119



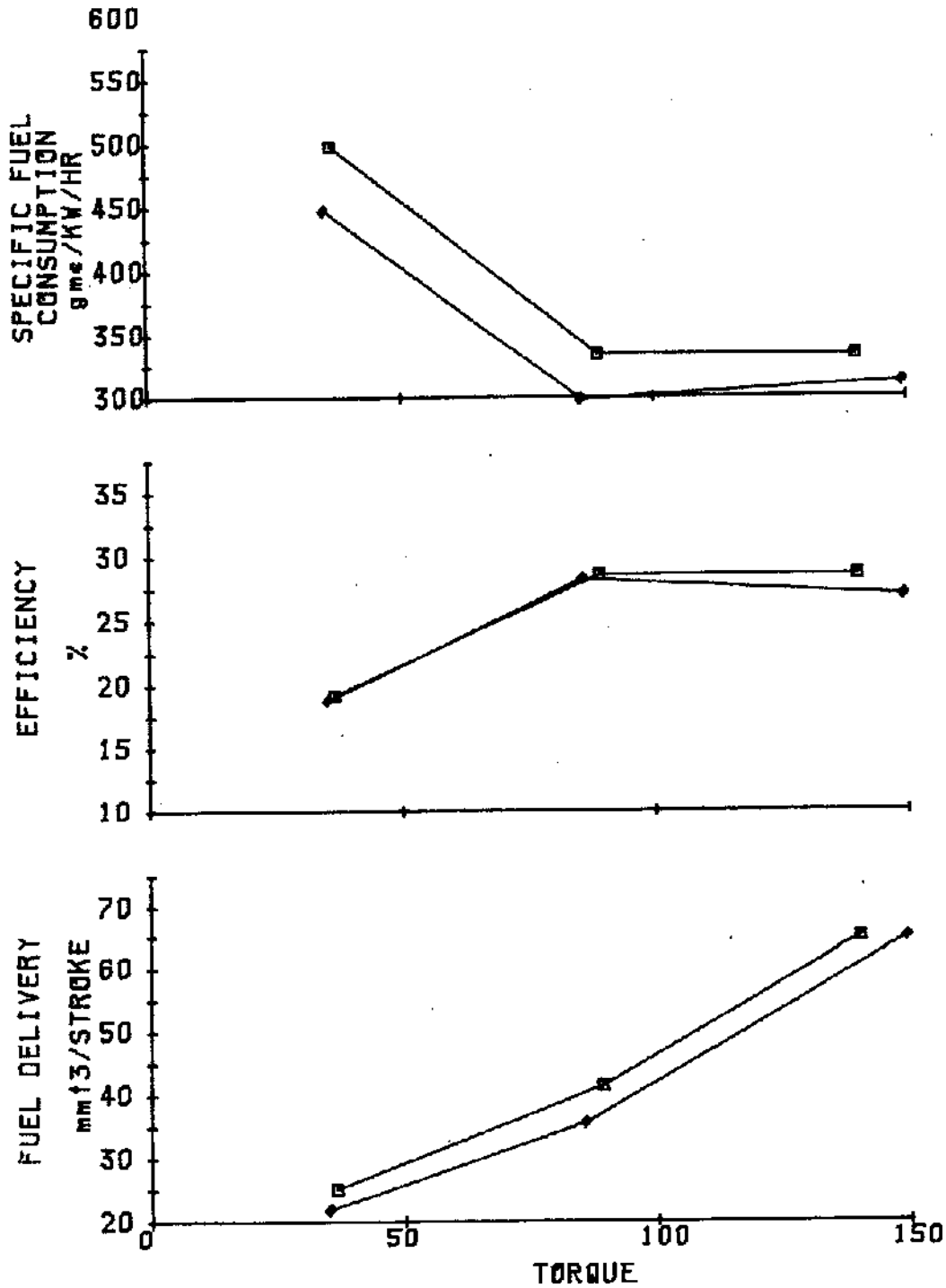
ENGINE : FORD 3000 CAPACITY: 2660	♦ DIST 100 □ E25/3.9TEGDN
EFFECT OF TEGDN ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	18 deg BTDC 1400 R.P.M. FIG AP120



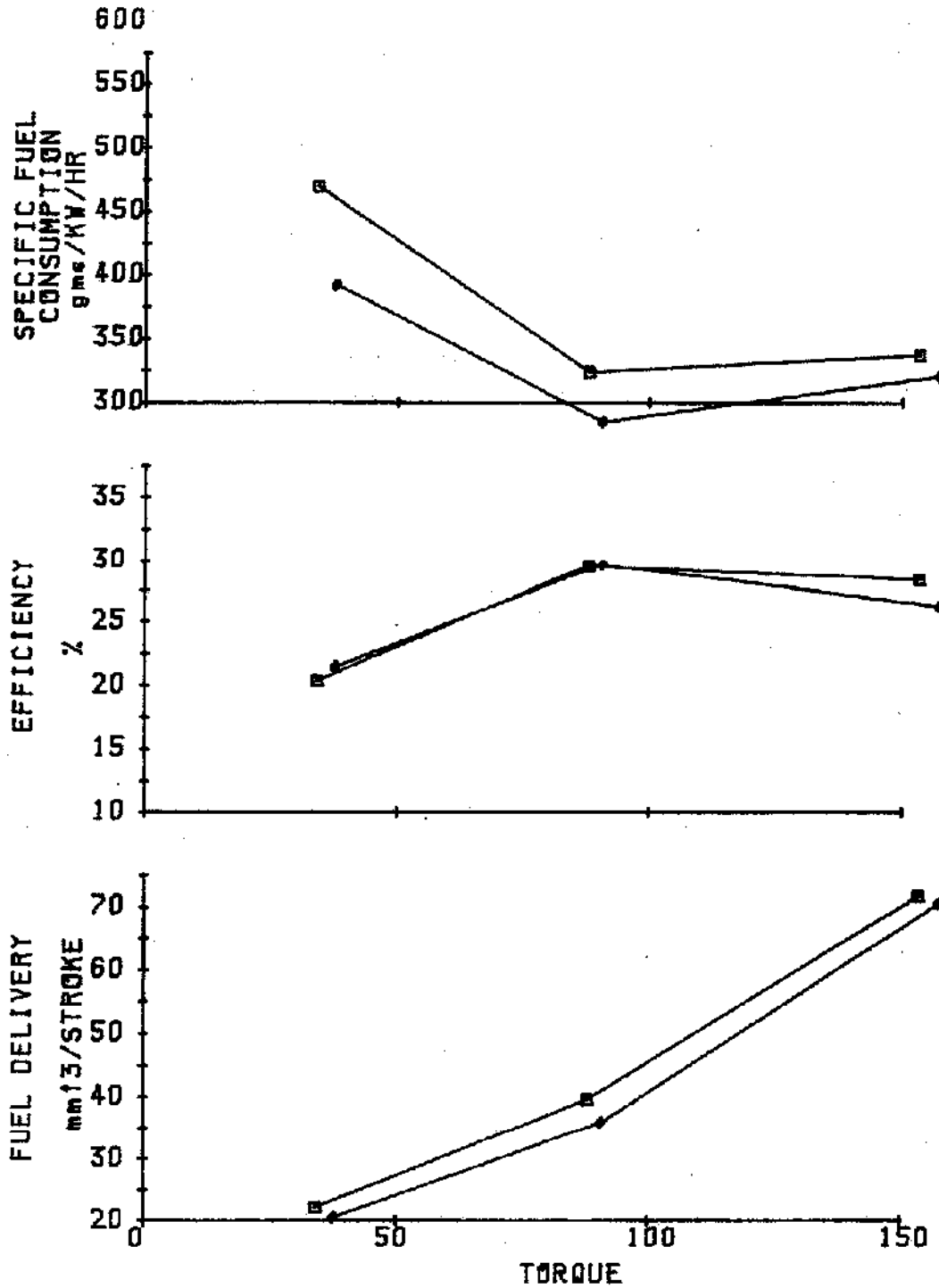
ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E25/3.9TEGDN
EFFECT OF TEGDN ON IGNITION DELAY, MAX. PRESSURE & PRESSURE RATE	18 deg BTDC 800 R.P.M. FIG AP121



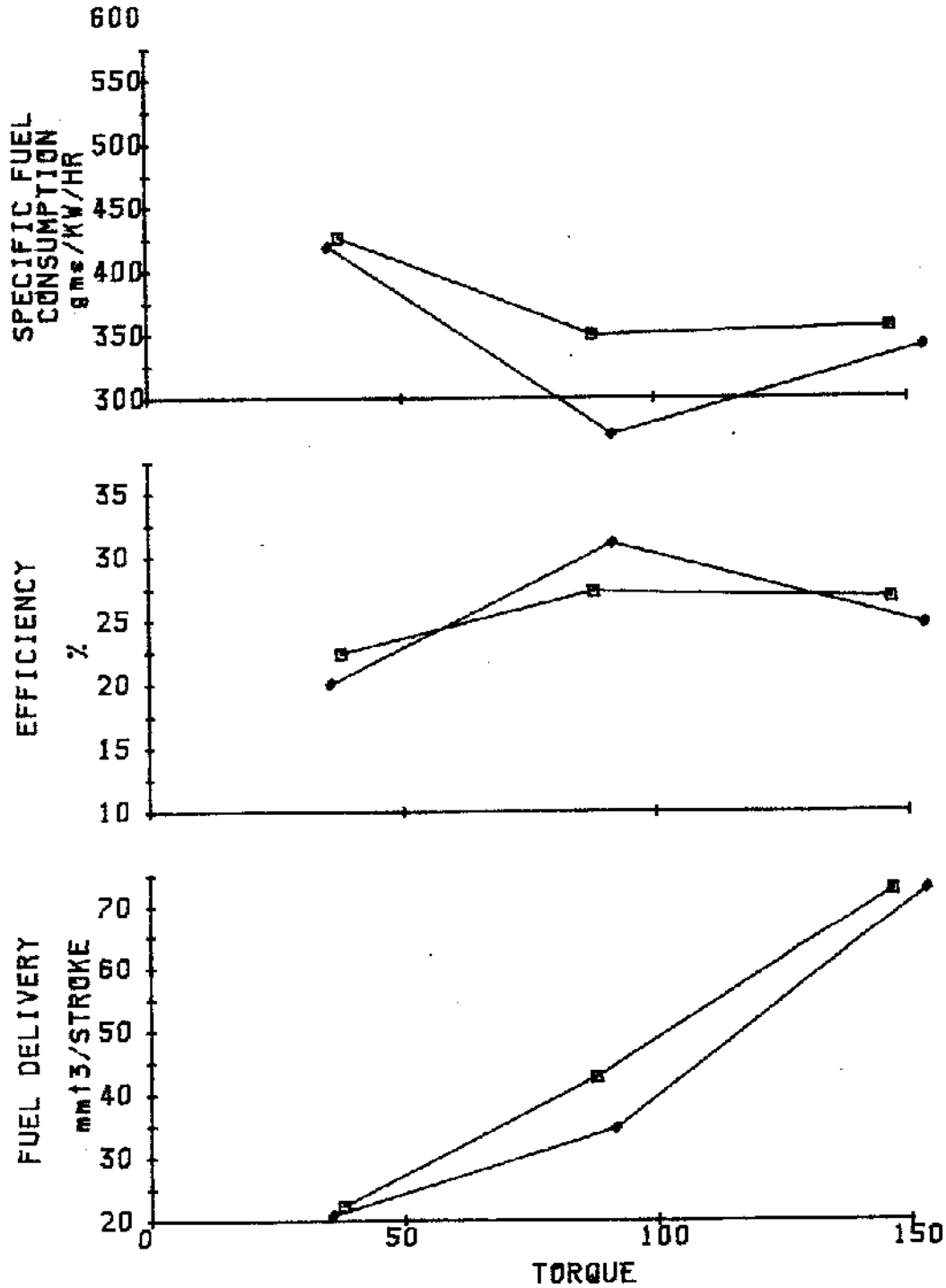
ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E25/3.9TEGDN
EFFECT OF E25/3.9 TEGDN EMULSION ON INJECTION PUMP DELIVERY, TORQUE & S.F.C.	18 deg BTDC FULL LOAD FIG AP122



ENGINE : FORD 3000 CAPACITY: 2860	◆ DIST 100 ■ E25/3.9TEGDN
EFFECT OF E25/3.9TEGDN EMULSION ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	16 deg BTDC 2000 R.P.M. FIG AP123



ENGINE : FORD 3000 CAPACITY: 2860	• DIST 100 ■ E25/3.9TEGDN
EFFECT OF E25/3.9TEGDN EMULSION ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	18 deg BTDC 1400 R.P.M. FIG AP124



ENGINE : FORD 3000 CAPACITY: 2860	• DIST 100 ■ E25/3.9TEGDN
EFFECT OF E25/3.9TEGDN EMULSION ON INJECTION PUMP DELIVERY, EFFICIENCY & S.F.C.	18 deg BTDC 800 R.P.M. FIG AP125