Product Engineering
Physical Test
Laboratories

BRAKE DYNAMOMETER

BRAKE EFFECTIVENESS

PROCEDURE DM-822

E.O. NO.: M1586-272

DATE: 5-28-81

PG-1018

DECELERATION - FT/SEC^2

APPLY RATE - PSI/SEC 1000

LINE PRESSURE - PSI 500

APPLY RATE - FT/SEC^2

ADE 951/222

500 PSI @ 100°F

20 30 40 60 MPH

AFTER: 400°F 3 STOPS

LINE PRESSURE - PSI

DECELERATION - FT/SEC^2

BRAKE FLUID DISPLACEMENT - CU. IN.

1500 30 1250 25 1000 20 750 15 500 10 250 5 0

.8 .7 .6 .5 .4 .3 .2 .1 0

0 2 4 6 8 10 12 14 16 18

TIME - SECONDS

LINE PRESSURE - PSI x 100

TECH.: L.E.P.

TEST NO.: M1586-257

SHEET NO.: 98

DM-2365 12/75

SC1 02895