

Evaluation of Raybestos-Manhattan versus Johns-Manville Bonded Brake Linings.

Metallurgical Lab. testing

9528A brake (151A7931 P.3) bonded lining

15 samples - Shear load test at 13,000 lbs. Take to destruction and record rupture point. Check for percentage of bond coverage, also whether bond or material failed. These are to be tested at room temperature.

4 samples - Bring to elevated temperature and determine rupture point. Suggest test at 150°F, 250°F, 350°F, and 400°F.

4 samples - Put in humidity chamber at 100% humidity for 24 hours and determine rupture point.

9528B brake (167A8474 P.3) bonded lining.

10 samples - Shear load test at 13,000 lbs. Take to destruction and record rupture point. Check for percent of bond coverage. List whether failure was in bond or material.

4 to be at room temperature

3 to be at 250°F.

3 after 24 hour - 100% humidity.

Evaluation lab. testing.

9528A brake (151A7931 P.3) bonded lining

4 samples - Torque tests - Static and dynamic - Coefficient of friction versus wheel temperature. Fade characteristics (Includes tower tests.)

4 samples - Life test - Lining wear, wheel wear on typical brake duty cycle.

All samples above are Raybestos-Manhattan, Johns-Manville. For comparison will be made available for duplicate testing and information is not already available. Shear testing of other brake sizes of R-M lining will be required when

PERCUD-Bayonne, N. J.

PLAINTIFF'S
EXHIBIT

WV-021629

PERCUD-Bayonne, N. J.

PLAINTIFF'S
EXHIBIT

78732.00

GEWVOCT04-011661

2/samples are made available.

Mr. Morley to advise writer what brakes and/or
brake wheels will be required, if any.

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7/31/69