

Eaton
Axles & Brakes

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Axle & Brake Division
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Dear :

Over the last several months we have seen a substantial increase in requests for non-asbestos brake lining for trailer axle application.

It is our contention that non-asbestos lining brakes should be compatible in brake balance and other performance measures, to the asbestos lining brakes that they will gradually replace. A typical trailer axle 16 1/2" X 7" brake equipped with type 30 air chambers, 6" slack adjusters (180 A/L factor), and EE/FF standard trailer axle brake lining, will produce a retardation of .41/.45 at 80 psi.

Abex and Carlisle have developed a lower medium level non-asbestos brake lining for trailer axle application. These linings have a low FF friction level and will produce a retardation of .41/.45 at 80 psi when installed on a 16 1/2" X 7" Eaton single anchor pin brake equipped with type 30 air chambers, 6" slack adjusters (180 A/L factor).

After extensive testing to obtain the following attached data:

- . Physical Properties
 - Specific Gravity
 - Gogan Hardness
 - Acetone Extract
- . FMVSS 121
- . FMVSS Second Effectiveness
- . Dynamometer Energy Wear

Telex 22-4305

SCF-EC-2725

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