

Eaton
Axles & Brakes

Eaton Corporation
Axle & Brake Division
P.O. Box 4008
Kalamazoo, Michigan 49003
Telephone (616) 342-3000

September 12, 1984

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

EAB 006981

Page Two

September 12, 1984

Eaton has released the following non-asbestos brake lining for 16 1/2" X 7" trailer axle brake application.

<u>MANUFACTURERS</u>	<u>PART NO:</u>	<u>FRICTION CODE</u>
ABEX	3030-67	Low FF
Carlisle	E-145A	Low FF

EATON

When using these non-asbestos brake lining, 6" slack adjusters and type 30 air chambers (180 A/L factor), the axle brake rating of the Eaton 16 1/2" X 7" single anchor pin brake is 20,000 lbs.

If we can be of further service, please do not hesitate to contact us at any time. We remain

Yours very truly,

Leon A. Spurlock
Account Manager

LAS/mb
(11465)

cc All Account Managers
E. Sampson
D. Sims
G. Singh
R. VanWormer
T. Wrigley
R. Young

EAB 006982