

Abex

CC. HADWENCAH

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An IC Industries Company

Abex Corporation
Friction Products Group
Suite 710
3001 West Big Beaver Rd
Troy, MI 48064
(313) 643-4400

February 20, 1979

Mr. A. H. Przepiora
Director Product Development
Fruehauf Division
~~Fruehauf Corporation~~
10900 Harper Avenue
P.O. Box 238
Detroit, MI 48232

Dear Arnold:

Reference our recent discussion on the use of Abex 693-551G and Carlisle MMD39 in the same brake.

Considering the six possible set-ups and trying to cover manufacturing, sales and engineering considerations, it is our opinion that the best arrangement would be the lower friction material Carlisle MMD39 on the cam and anchor positions of the leading (bottom) shoe and Abex 693-551G on the cam and anchor positions of the trailing (top) shoe. This would keep performance compromises to a minimum--we believe there is sufficient cushion and provides for the best wearing arrangement.

The above would have to be confirmed by dynamometer tests. We would suggest running one 121 test on two or three of the more practical arrangements. Then run at least two more 121 tests on the best set-up, followed by an FES 74. We schedule a 121 test for 24 hours and seven days for an FES 74. You could have most of your answers within two weeks (six tests) after the brake went on the dynamometer.

As I mentioned, Mahwah is a separate contracting agency. Details could be obtained for this program by writing directly to Mr. D. E. Steis/Manager-Engineering Test Center, Abex Research Center, 65 Valley Road, Mahwah, NJ 07430, Phone No. 201/529-3450.

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