

SUPPLIER SUMMARY

<u>Supplier</u>	<u>Current Fiber Level Count</u>	<u>Actions Required to Meet New Fiber Limits</u>	<u>Piece Cost Penalty</u>	<u>Alternate Programs</u>
Bendix Friction Material	0.1 - 2.0	1.0 fiber limit - New emission controls and process modifications; investment \$1.5M, timing 1 year 0.5 fiber limit - New emission controls and process modifications; investment \$5.5M, timing undetermined, may be possible.	Substantial but unknown	Semi-metallic disc with asbestos backing available Disadvantage; \$1.20/vehicle penalty, noise, poor cold wear. Non asbestos organic - development in progress for disc and drum applications - parts to Ford for evaluation with supporting test data by early 1978.
Bendix Hydraulics	0.5 all areas except Receiving & Inspection	Equipment on order to comply with 0.5 by August, 1977; investment \$0.012M		
Thiokol	0.4 - 1.4	New preform equipment being installed and is expected to reduce fiber count to 0.5. If 0.5 is not achieved, new tumbler and wash systems will be required; investment \$1.1M, lead time 9-12 months, requalification of lining necessary	None Undefined	Non asbestos organic lining developed - Initial phase parts unacceptable. Lining changes are being made. Timing for new parts with supporting supplier test data not available.
Thermoid	Less than 2.0	1.0 or 0.5 fiber limit - New and more elaborate dust collection and encapsulation equipment; investment \$0.5M, timing 6 months.	1 to 5%	Non-asbestos organic lining is being developed on a second priority basis - supplier test results could be provided to Ford within six months if the program is accelerated.
Raybestos	2.0	1.0 fiber limit - Now spending \$4.5M/year for next three years to achieve 0.5 fiber limit may not be achievable	Undefined Undefined	Programs have been initiated to develop non asbestos drum and disc brake materials, both semi-metallic and non metallic. Timing for test part availability to Ford with supporting test data is not established.
Kelsey Hayes	Less than 2.0	1.0 or 0.5 fiber limit - Refacilitize all operations related to disc brake processing; investment \$.3M, timing 1 year minimum	Undefined	

Brake Department
June 28, 1977

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1978 LINING USAGE CHART

Car Line	Front		Rear	
	Lining Number	Supplier	Lining Number	Supplier
Pinto/Bobcat/Mustang	FMD7157A	Bendix	4641A/H3133	Bendix
Fairmont/Zephyr Sedan	TP-1353	Thiokol	R-4797-5/ R-4924-1	Raybestos
S/W and Police	TP-1353	Thiokol	4641A/H3133	Bendix
Granada/Monarch Rear Drum	FMD7157A	Bendix	4641A/H3133	Bendix
Rear Disc	FMD7157A	Bendix	FMD7157A	Bendix
T'Bird/XR7 LTD II/Cougar/Ford/Mercury except HD Police	TP1353	Thiokol	4641A/H3133	Bendix
LTD II/Cougar/Ford/Mercury HD Police	FMD7131N/O	Bendix	4641A/H3133	Bendix
Ford/Mercury Rear Disc except Hi-Perf Police	TP1353	Thiokol	TP1353	Thiokol
Ford/Mercury Rear Disc Hi-Perf Police	FMD7131N/O	Bendix	FMD7131N/O	Bendix
Lincoln Rear Drum	FMD7157A	Bendix	4641A/H3133	Bendix
Rear Disc	FMD7157A	Bendix	FMD7157A	Bendix
Mark V Rear Disc	FMD7157A	Bendix	FMD7157A	Bendix

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