

ASBESTOS

Supplier Compliance With OSHA Regulations (a/)

Component Part Numbers	Component Name	Vendor End Item/Fabricator	End Item		Fabricator		Raw Material		Comments
			b/	s/	b/	s/	b/	s/	
7550	Disc Assy.-Clutch	Borg & Beck/Raybestos H.K. Porter	Yes	Yes					Requires some modification of equipment
	Woven Clutch Facing	RM Friction/RM Friction Materials Raybestos/Raybestos	Yes		Yes		Yes		The industry cannot achieve the proposed .5 fibers per c.c. in all process areas through engineering controls and work practices.
	Material								
	M969I								
	M1488H								
	M1133C								
	M3514								
	M4269								
	M6384								
6051	Gasket	Victor	Yes	Yes					The limit will have severe economic impact on Victor & suppliers.
9447	Gasket	Victor	Yes	Yes					
90484	Gasket	Victor	Yes	Yes					
94744-A	Gasket	Victor	Yes	Yes					
9903	Gasket	Victor	Yes	Yes					
8255	Gasket	Victor	Yes	Yes					
310662	Gasket	Victor	Yes	Yes					
6020	Gasket	Crotty	X	X			X	X	
6584	Gasket	Crotty	X	X			X	X	
6136	Gasket	Crotty	X	X			X	X	
6626	Gasket	Crotty	X	X			X	X	
6839	Gasket	Crotty	X	X			X	X	
6870	Gasket	Crotty	X	X			X	X	
8255	Gasket	Crotty	X	X			X	X	
8507	Gasket	Crotty	X	X			X	X	
8513	Gasket	Crotty	X	X			X	X	
9417	Gasket	Crotty	X	X			X	X	
9439	Gasket	Crotty	X	X			X	X	
9447	Gasket	Crotty	X	X			X	X	
9461	Gasket	Crotty	X	X			X	X	
68055	Gasket	Crotty	X	X			X	X	
64636	Gasket	Crotty	X	X			X	X	
64637	Gasket	Crotty	X	X			X	X	
90435	Gasket	Crotty	X	X			X	X	
92436	Gasket-Int Man	Crotty	X	X			X	X	
92464	Gasket	Crotty	X	X			X	X	

a/ con't of results 1st issued 4-77
b/ meets current OSHA specifications
s/ can meet proposed OSHA specification

Vehicle Materials Engineering
April 1977

SCF-FORD-1405

HFM - 003300 - 4

ASBESTOS

Supplier Compliance with OSHA Regulations (a/)

Part Number	Part Description	Supplier		End Item		Fabricator		Raw Material		Comments
		End Item/Fabricator		b/	a/	b/	a/	b/	a/	
90476	Gasket	Crotty/		X	X			X	X	
90477	Gasket	Crotty/		X	X			X	X	
12495	Gasket	Crotty/		X	X			X	X	
88522										
310190										
48129										
124453										
90477	Gasket	Parnan/		Yes	Yes	Yes	Yes	Yes	Yes	
91795	Gasket	Parnan/		Yes	Yes	Yes	Yes	Yes	Yes	
9447	Gasket	Parnan/		Yes	Yes	Yes	Yes	Yes	Yes	
6051	Gasket-cyl. head	Mc Cord/		Yes	No					
9439	Gasket-Int. Man	Mc Cord/		Yes	No					
90484	Gasket-Int. Man	Mc Cord/		Yes	No					
91744	Gasket	Mc Cord/		Yes	No					
9417	Gasket	Quality/Raybestos		Yes	Yes	Yes	Yes			Raybestos-no further
		Valqua								Manufacturing or R&D
90435	Gasket	Quality/Valqua		Yes	Yes					effort should be ex-
9413	Gasket	Quality/Raybestos		Yes	Yes	Yes	Yes			pended to improve
92464	Gasket	Quality/Valqua		Yes	Yes	Yes	Yes			products for which
		Raybestos								clean systems cannot
9F470	Gasket	Quality/Raybestos		Yes	Yes	Yes	Yes			be developed & for
9F476	Gasket	Quality/Raybestos		Yes	Yes	Yes	Yes			which there are no
		Valqua								substitutes for asbes-
9F478										tos.
9436	Gasket	Wayne Gasket/		Yes						Tested 3/24/77 Results
90435	Gasket	Wayne Gasket/		Yes						not known.
9447	Gasket	Wayne Gasket/		Yes						
90476	Gasket	Wayne Gasket/		Yes						
91589	Gasket	Wolverine/Armstrong				Yes	Yes			
8513	Gasket	Wolverine/Armstrong				Yes	Yes			
8507	Gasket	Wolverine/Armstrong				Yes	Yes			
6701	Seal-Crankshaft	Copeland Gibson/Sams		Yes	Yes	Yes	Yes	Yes	Yes	Will supply pure asbes-
										tos in a liquid form
										which will be extruded
										into the greased form.
7550	Clutch Disc Ass'y	Alma/Porter		Yes			No			Alma-no other improvements,
		Raybestos								except all personnel wearing
7549	Friction fanings									head hood filters 100% of
										the time to approach a .5
										fiber per cc limit.

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Vehicle Materials Engineering
April 1977

ASBESTOS

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		End Item/Fabricator		D/	S/	D/	S/	D/	S/	
C6AP-7A136-B	Gasket Trans. Oil Pump	Crotty/Mayne Gasket		Yes	Yes	Yes	Yes	Not U.S.	Source	
C7AP-7D026-A	Gasket Band Servo Cover	" "		Yes	Yes	Yes	Yes	Not U.S.	Source	
C8AP-7A176-A3	Band Assembly	Kalsey-Hayes/Worldbestos		Yes	No	Yes	No	Not U.S.	Source	End item supplier-Kalsey Hayes would cost approximately \$300,000 to comply with proposed std's
C8AP-7A176-A2	Band Assembly	" "		Yes	No	Yes	No	Not U.S.	Source	
C9AP-7D095-A	Band Assembly	" "		Yes	No	Yes	No	Not U.S.	Source	
C8AP-7A176-A	Band Assembly	Spring Brummer/Raybestos		Yes	Yes	Yes	No	Not U.S.	Source	
C9AP-7D095-A	Band Assembly	" "		Yes	Yes	Yes	No	Not U.S.	Source	
D12A-3A472-AA	Gasket F/S	Federal Mogul/sams		Yes	Yes	Yes	Yes	Not U.S.	Source	
D40M-4035-A	Gasket R/A	" "		Yes	Yes	Yes	Yes	Not U.S.	Source	
D5AM-4035-A	Gasket R/A	" "		Yes	Yes	Yes	Yes	Canadian	Source	
D12M-4036-F	Gasket R/A	" "		Yes	Yes	Yes	Yes	Canadian	Source	
D00A-3A273-A	Gasket F/S	Wolverine Fab/Armstrong Cork		Yes	Yes	Yes	Yes	Canadian	Source	
C20A-3A472-C	Gasket F/S	" "		Yes	Yes	Yes	Yes	Canadian	Source	
D12A-3A472-A	Gasket F/S	" "		Yes	Yes	Yes	Yes	Canadian	Source	
D1AM-4036-B	Gasket R/A	" "		Yes	Yes	Yes	Yes	Canadian	Source	
2284	Primary Lining Rear Drum Brakes	Wagner Electric/Bendix Raybestos		Yes	No	Yes	No	Yes	No	Fabricator-Bendix-could meet std's but costs are prohibitive
2285	Secondary Lining Rear Drum Brakes	" "		Yes	No	Yes	No	Yes	No	
2284	Primary Lining Rear Drum Brakes	Kalsey-Hayes/Bendix		Yes	No	Yes	No	Not Applicable		End item & Fabricator-costs are prohibitive
2285	Secondary Lining Rear Drum Brakes	" "		Yes	No	Yes	No	Not Applicable		
2284	Primary Lining Rear Drum Brakes	Bendix/Bendix Raybestos		Yes	No	Yes	No	Canadian Supplier		Fabricator-Bendix could meet .5 std but costs would be prohibitive.
2285	Secondary Lining Rear Drum Brakes	" "		Yes	No	Yes	No	Canadian Supplier		

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Vehicle Materials Engineering
May 1977

9002 1937

HFM - 003316

ASBESTOS

Component Part Number	Component Name	Supplier		End Item		Fabricator		Raw Material		Comments
		End Item/Fabricator		Y	N	Y	N	Y	N	
D5AP-7934-AA	Reactor	Chicago Molded/same		Y	N	Y	N	Y	N (Dures-) Hooker	Dures-Hooker Chemical- ceases manufacture 6-30-77
D2DP-7934-AA	Reactor	Chicago Molded/same		Y	N	Y	N	Y	Y (Rogers) Corp.	
D2DP-7934-AA	Reactor	"		Y	N	Y	N	Y	Y	
74DT-7934-BC	Reactor	"		Y	N	Y	N			
74DT-7934-EB	Reactor	"		Y	N	Y	N			
74DT-7934-DC	Reactor	"		Y	N	Y	N			
D2TF-7937-AA	Reactor	"		Y	N	Y	N			
C9AP-7937-A	Reactor	"		Y	N	Y	N			
D6AP-7E312-AA	Plate Assembly	Spring Brummer/von't Borg-Warner /divulge		Y	N	Y	N	Not U.S. Source		
D6AP-7E311-AA	Plate Assembly	"		Y	Y	Y	Y			
D0AP-7E311-D	Plate Assembly	"		Y	Y	Y	Y			
D2AP-7E164-A2A	Plate Assembly	"		Y	Y	Y	Y			
C92P-7E164-A2	Plate Assembly	"		Y	Y	Y	Y			
D3AP-7D034-AA	Band Assembly	"		Y	Y	Y	Y	Not U.S. Source		
D7AP-7A162-AA	Band Assembly	"		Y	Y	Y	Y			
D5OP-7D034-AA	Band Assembly	"		Y	Y	Y	Y			
D6AP-7E311-A2A	Plate Assembly	Raybestos/same		Y	N	Y	N	Not U.S. Source		
C9AP-7E311-A,B,C,D,	Plate Assembly	"		Y	N	Y	N			
C92P-7E164-A	Plate Assembly	"		Y	N	Y	N			
C9AP-7E164-A	Plate Assembly	"		Y	N	Y	N			
C8AP-7E164-J	Plate Assembly	"		Y	N	Y	N			
C8AP-7E164-D2	Plate Assembly	"		Y	N	Y	N			

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Vehicle Materials Engineering
 May 1977

9002 1934

HFM - 003317

ASBESTOS

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			b/	g/	b/	g/	b/	g/	
C90W-4A25B	Plate Assembly	Raybestos/same	Yes	No	Yes	No	Canadian Supplier		
C90W-4797B	Plate Assembly	Raybestos/same							
2284	Primary Lining Rear Drum Brakes	Wagner Electric/Bandix	Yes	No	Yes	No	Canadian Supplier		
2285	Secondary Lining Rear Drum Brakes	Wagner Electric/Bandix			Yes	No			
D2AP-7936AA	Washer	General Industries/same	No	No	No	No	Yes	No	. End item Supplier General Industries will cease operations if forced to accept std's . Raw Material Supplier Dures, Hooker Chemical will cease manufacturing material 6-30-77. Alternate Materials being tested.
C7AP-7937B	Washer	General Industries/same	No	No	No	No	Yes	No	
74DT-7937BA	Washer	General Industries/same	No	No	No	No	Yes	No	
C8DP-7937-A	Washer	General Industries/same	No	No	No	No	Yes	No	
D2AP-7937-AA	Washer	Spring Brummer/same	Yes	Yes	Yes	Yes	Yes	No	. Raw Material Supplier Dures, Hooker Chemical will cease manufacturing material 6-30-77.
D5AP-7934-AA	Reactor	Dickten & Masch/same	Yes	No	Yes	No	No Yes (Dures) Yes (Rogers) Corp		. End item supplier Dickten and Masch-if proposed std's are approved this supplier would stop manufacturing Asbestos products. . Raw material supplier Dures-Hooker will cease operations 6-30-77
D5AP-7934-AA	Reactor	Modern Plastics/same	Yes	No	Yes	No	No	No	. Raw material supplier-Dures Hooker will cease operations 6-30-77.
D2DP-7934-AA	Reactor	Die molding/same	Yes	No	Yes	No	Yes	Yes	. A check is needed on Rogers to validate compliance
D5AP-7934-AA	Reactor	Plastic Moldings/same Corp.	Yes	No	Yes	No	No Yes	No Yes (Rogers)	. End item supplier-substantial investment required to meet proposed std.
D52P-7934-AA	Reactor	Plastic Moldings/same Corp.							. Raw Material Supplier Dures-Hooker will cease operations 6-30-77

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Vehicle Materials Engineering
May 1977

8002 1939

HFM - 003318