

APPLICATION STORIES

Customer:	A modern assembly plant of a large auto maker.
Industry:	Automotive
SIC Code:	3711
Location:	Tennessee
Department:	
Retrofit or OEM:	Retrofit
Machinery Involved:	Batch Hopper in the Lost Foam Casting Line manufactured by Vulcan (Alabama)
Description of Environment:	High temperatures and contamination from silica sand
Description of Problem:	Linear ball bearings were originally installed in this application but failed after only two months due to contamination from the silica sand. The 4" shafting was damaged as well causing considerable expense and downtime.
Solution:	Retrofitted the Vulcan machine with Simplicity FL64D bearings with seals. Temperatures, duty cycles, and contamination are well within Simplicity's range. The shafting was also replaced
Customer Reaction to Solution:	The FL64D's have been in operation for 3 years and are still running. The rest of the plant is beginning to specify Simplicity as well.
Documented Cost Savings:	
Simplicity Part Used:	FL64D
Qty of Bearings Used:	4 per machine, 2 machines
Date of Installation:	1991
Photos Available:	No
Illustrations Available:	No
Application Write Up Available:	Yes

