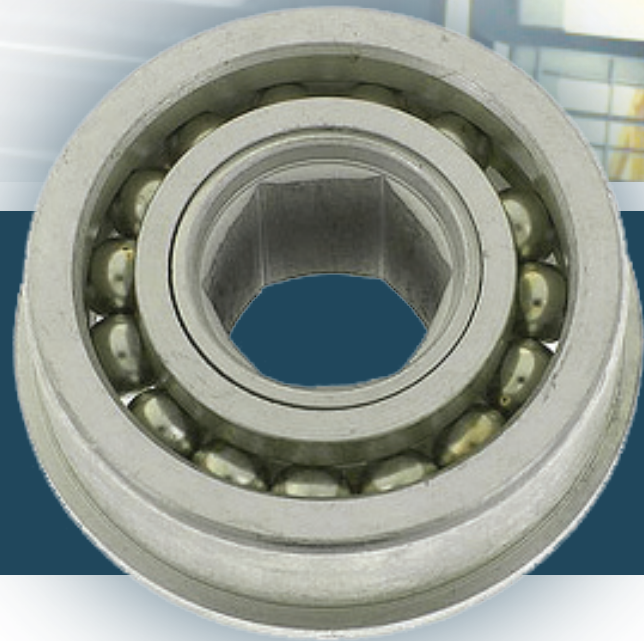




# SmartLUBE Bearings Keep Seats Rolling Through Auto Plant

## PROBLEM ▼

Maintenance issues plagued overhead conveyor rollers on the seat line at an automobile plant. The line contained 400 rollers, the bearings within each roller requiring daily monitoring by plant personnel for excessive background noise and potential failure. When a faulty bearing was identified, a maintenance technician had to spray it with an oil lubricant or replace it. The plant was spending five (5) hours per week performing maintenance on the overhead conveyor line at a cost of \$65.00 per hour, plus the cost of the lubricant used.



## THE SOLUTION:

BDI supplied the plant with a new hex-bore bearing design filled with SmartLUBE HP. Working in this set-up, the present rollers required no modification. The plant replaced the line's existing 1,060 bearings over a July shutdown.

## SUCCESS MADE EASIER:

During a four-week trial of the new bearings, the plant reported no problems. Maintenance time was significantly reduced, freeing up personnel for more value-adding activities. Background noise dropped approximately 30 decibels. Spray lubricant mess, disposal costs and safety hazards were also eliminated.

**Annual savings (including labor and supplies) totaled \$16,250.**

**Contact your local BDI branch for more information on conveyor products and other BDI Solutions.**