

Success Story

Industry: Automotive Production

Application: Maintenance training for precision bearings

Cost Savings: € 17 500

Introduction

A French car manufacturer wanted to increase the skill base of their engineering team specifically in the repair and maintenance of machine tool spindles. This was a key requirement as the plant performed many machining operations in their engine and gearbox components manufacturing. NSK was consulted to do an Application Review which resulted in designing a bespoke training course focussed towards the specific machinery and working practices on site. The training was delivered in 4 sessions over a 2-day period to more than 25 engineers. This proved to be very successful with good feedback.

Key Facts

- French car manufacturer with large number of machine tools
- Large engineering team
- NSK was requested to provide a bespoke training course around the needs of their engineers for machine tool spindle maintenance
- Training focussed on precision bearings for machine tool spindles
- NSK designed training specifically around the needs of the customer



↑ Maintenance training for precision bearings

Value Proposals

- Improvement on spindles maintenance and bearing defects
- Internal audit and technical informations for improvement and reliability
- NSK visited the production site and reviewed the machinery and working practices
- A unique training course was then developed together with service packs and assessment criteria
- 25 engineers have been trained over 4 sessions throughout a 2-day period
- NSK provided a follow up consultancy service with ongoing support for subsequent problems encountered by the engineers

Product Features

- Product Training - training to provide an overview of the range and capability of NSK bearings with the benefits of applying them
- Application of NSK Bearings - Modular training menu focussing on those issues associated with the use and application of bearings
- AIP Training - Introduction to NSK's Added Value Programme and how it can be used to solve machinery and plant problems
- Industry Specific Training - Specific training courses covering common issues, applications and processes for bearings in industry sectors



↑ AIP - NSK's Added Value Programme

Cost Saving Breakdown

Before	Cost p.a.	NSK Solution	Cost p.a.
 700€ by person, 25 people trained	€ 17.500		
Total Costs	€ 17 500		€ 17 500