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# TOTAL MOTOR MANAGEMENT BRINGS COST SAVINGS TO TIMKEN

**Thanks to 3-D Service, costly motor downtime is a thing of the past for Timken.**

The Timken Company is a prime example of the success of 3-D Service's Total Motor Management program. Since the program was initiated several years ago, Timken has realized substantial cost savings well above the goals set each year.

"Total Motor Management has been everything we promised it would be," said Rich Frazee, 3-D Service account manager. "We've been able to keep the process rolling and the motors running."

Statistics bear that out. Since 1997, cost savings have exceeded goals by such margins as 133 and 186 percent.

Total Motor Management at five Timken plants is under the supervision of the Motor Management Continuous Improvement Committee. The committee consists of representatives from each mill and 3-D Service. The committee began its work by developing motor repair standards and procedures and setting up a warehouse. It collected spares and analyzed which were unnecessary.

Thanks to this process, Timken's motor inventory has been reduced by more than 600 units with 900 spares in reserve. Nearly 99 percent of all repaired or stored motors are ready for service when delivered to Timken.

"The customer doesn't have to wait to find out about any specific motor," Frazee said. "Information on each motor is

readily available at the customer's request." Frazee also cited another benefit of Total Motor Management: accuracy. 3-D has maintained a cycle count accuracy average on spare motor inventory of nearly 100 percent.

Joe Wonsettler, Timken manager of indirect materials and services, said Total Motor Management is a process that truly works.

"If ever there was a case of a win-win relationship, then this is an excellent example," Wonsettler said. "The assistance 3-D Service initially provided enabled us to identify the inventory of motors we had as well as those that would be necessary to inventory in the future. Today, this process ensures our plant users that only accurately identified, ready-to-use motors are held in inventory."

Wonsettler said 3-D Service and Timken have been working with Total Motor Management for five years and described the quality of motor repairs as "excellent."

Timken is a leading international manufacturer of highly engineered bearings, alloy and specialty steels and components, and a provider of related products and services. The company employs 28,000 people in operations in 29 countries.

**For additional information about Total Motor Management, call 3-D Service at 1-800-837-1614 or visit [www.3-dservice.com](http://www.3-dservice.com).**

