



TIMKEN® BEARINGS IMPROVE EFFICIENCY AND RELIABILITY IN AGRICULTURAL OPERATIONS

CHALLENGE

Agricultural machinery has to perform according to seasonal demands regardless of weather or environmental conditions. When it's time to plant or harvest, crop yields often depend on reliability across a range of platform classes and types.

When a large Brazilian OEM advanced its plans for enhancing value to its customers across a product line of premier planters and harvesters, the use of premium components was identified as critical to success. Maintenance was required more frequently than expected, downtime was problematic, and high warranty costs were making it difficult to deliver the value its customers demanded.

TIMKEN SOLUTION

Timken engineers analyzed the OEM's product line and identified Timken® ISO deep-groove ball bearings and Diamond® Chains as ideal solutions — presenting the manufacturer with an opportunity to test components for suitability and efficiency. When the solution succeeded, Timken backed it with reliable inventory management, maintenance training, and assembly assistance to ensure sustainable reliability and efficiency.

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.



RESULTS THAT MATTER

The OEM benefited from the superior materials and design of Timken's ISO deep-groove ball bearings and Diamond's chain product. Bearing performance increased, warranty costs dropped, and product life was extended by shields and seals. Timken's ISO products made for easy interchange, and the manufacturer now enjoys the reliability of Timken's industry-leading inventory control.