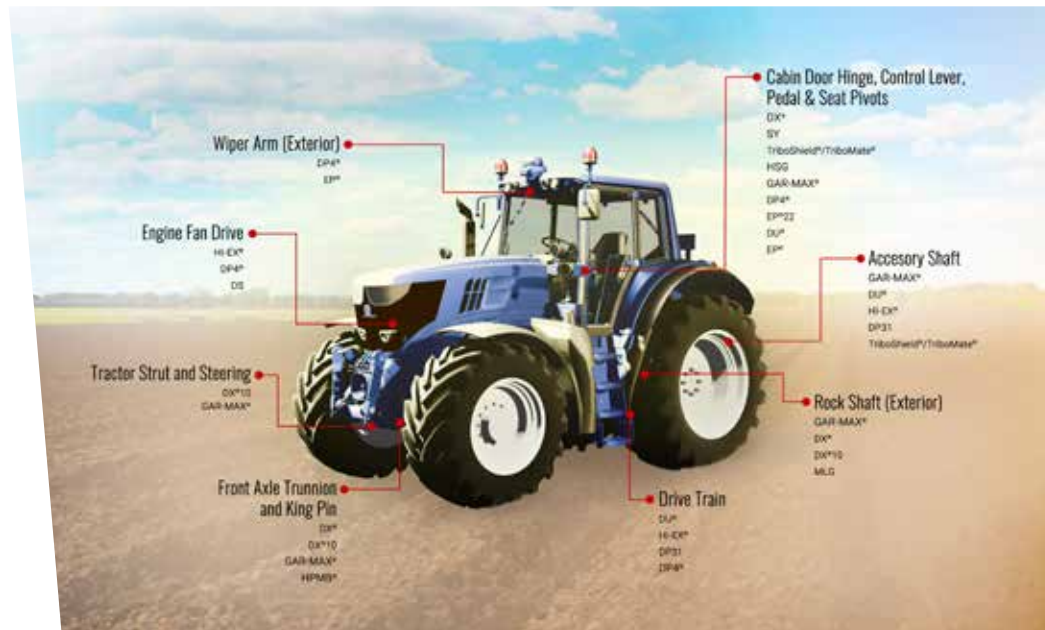


GGB Tractor Solutions

Tractors are versatile machines used across agriculture, construction, and other industries, often operating in harsh climates and environments filled with contaminants like dirt, dust, chemicals, and pesticides. These demanding conditions pose risks of lubrication contamination and corrosion, requiring solutions that can withstand extreme temperatures and endure heavy, consistent loads. GGB® bearing and coating solutions are designed to effectively meet these challenges.

Application Challenges

- Extremely heavy loads
- Corrosive environments
- Exposure to chemicals, dirt, debris
- Elimination of lubricants/grease
- Exposure to harsh climates
- Smooth consistent low friction
- Exposure to a range of temperatures
- Proper grease/lubrication maintenance



GGB Product Benefits



MAINTENANCE-FREE

GGB® bearings are self-lubricating, making them ideal for applications demanding extended bearing life without the need for continuous maintenance, as well as under operating conditions with inadequate or no lubrication.



SPACE SAVING

A slim, compact, one-piece design provides notable space and weight reductions, simplifying installation, reducing system costs, and minimizing the risk of potential damage during the installation process.



LOWER SYSTEM COST

Reduce ownership expenses with GGB's solutions, offering prolonged service life and minimized maintenance and lubrication requirements.



EXTENDED SERVICE LIFE

GGB bearings provide dependable performance under substantial loads and intense stress, enduring challenging and corrosive environments to prolong the service life of various applications.























ENVIRONMENTAL

Greaseless, lead-free GGB bearings comply with increasingly stringent environmental regulations such as the RoHS and WEEE directives restricting the use of hazardous substances in certain types of electrical and electronic equipment.



Recommended Products

PRODUCT	ADVANTAGES	MORE INFORMATION
DU® 	DU® self-lubricating bearings offer very good wear and low friction over a wide range of dry running applications. Also suitable for lubricated applications.	
DP4® 	DP4® offers low friction and good wear resistance in both dry and lubricated applications. Suitable for linear, oscillating and rotating movements.	
DX® 	DX® bearing material is ideal for marginally lubricated applications, delivering optimal performance under relatively high loads and low speeds.	
DX®10 	DX®10 is a lead-free, heavy-duty metal-polymer bearing material with exceptional fatigue strength and wear performance. It is ideal for heavy-duty and harsh environments, offering excellent chemical and erosion resistance for reliable operation under demanding conditions.	
HI-EX® 	HI-EX® is a marginally lubricated bearing material with excellent wear resistance under thin film conditions. Available with non-indented overlay for hydrodynamic applications.	
HSG 	HSG is a self-lubricating bearing material with high static load capacity, excellent shock resistance, and superior friction and wear properties.	
GAR-MAX® 	GAR-MAX® is known for its high load capacity and excellent shock and misalignment resistance.	
EP® 	EP® provides good bearing performance in dry as well as lubricated or marginally lubricated working conditions. Good choice for medium working conditions compared to other engineered plastics materials.	
TriboShield® 	With the TriboShield® technology, GGB can reduce the friction and extend the durability of any complex shaped part by coating the substrate with our special designed low friction paints.	
TriboMate® 	Our TriboMate® technology is the pairing of a GGB bearing with a GGB polymer coating. The technology reduces significantly the static and dynamic friction, improves start and stop behaviors and increases load carrying capability	

Stronger. Together.

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