

# KOMAREK

## The Benefits Of Machines With Solid Oil Filled Bearings

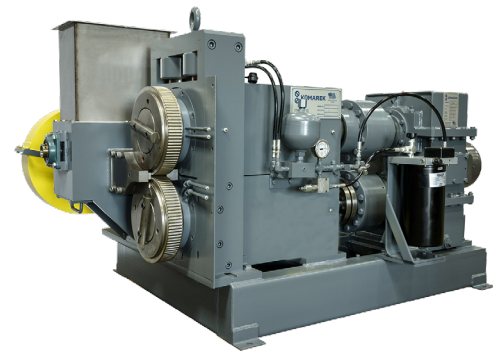
**W**ith a history going back to the early 1900s, KOMAREK has been synonymous with briquetting, compaction and granulation solutions. In addition to designing and manufacturing high-quality machines, KOMAREK offers machine maintenance and repair services to customers around the globe.

Over the years, KOMAREK has served thousands of customers and has serviced thousands of briquetting, compaction and granulation systems. Our dedication to helping customers run more efficiently, while achieving cost savings, has taught us many things. One of those things is the most common problem we see in machines across the world: Bearing failure.

Bearing failure can increase your operating costs, hurt your company's productivity, and impact your bottom line. Bearing failure happens for many reasons. Some of which include:

- **Lack of lubrication**
- **Failure to implement a regular maintenance schedule**
- **Faulty lubrication equipment**
- **Plugged lubrication lines**
- **Mixing different types of grease**
- **Contamination of the grease or bearing**

Dealing with bearing failures is time consuming and uses up unnecessary resources. To combat these common failures, KOMAREK is excited to announce that we now offer Solid Oil filled bearings for many of our models.



“The addition of Solid Oil filled bearings to KOMAREK’s briquetting, compaction and granulation systems makes our world class machines even better,” says Tom Barnett, Vice President of Operations at KOMAREK. “Solid Oil filled bearings provides a tremendous costs savings, while saving companies countless man-hours in repairs and maintenance that can be easily avoided with these bearings. Those resources can then be deployed to address more pressing issues within a business.”

Solid Oil filled bearings are the ideal solution for applications where contaminants can cause damage to your machine, resulting in downtime. Solid Oil filled bearings help prevent this issue by providing self-lubrication that doesn’t require changing of oil and very little maintenance. Some of the other advantages of Solid Oil filled bearings include:

### **Significant amount of oil available to ensure longer life**

After a machine has been used, during its downtime the bearings will absorb the extra oil for reuse. This consistent re-lubrication helps the bearing operate at peak efficiency and last longer.

### **Water and other substances cannot contaminant the oil**

The unique design of Solid Oil filled bearings prevents harmful substances from penetrating the bearing. This is key in preventing damage to the bearing and to ensure the consistent flow of oil throughout the bearing.

### **Solid Oil filled bearings retain all their oil, thus avoiding leakage**

The advanced technology of Solid Oil filled bearings eliminates the chance of leaks. The leaking of fluids and other contaminants can cause damage to your machine, and your bottom line. Solid Oil filled bearings help you avoid such issues.

### **Significant cost savings over the life of the bearings**

The self sufficiency of Solid Oil filled bearings allow resources to be used elsewhere in your company. The hours of maintenance saved is invaluable to your business.

### **Self-lubricating bearings are environmentally friendly**

Eliminating the need for constant re-lubrication or additional greasing reduces the risk of potential environmental accidents or spills. This is a tremendous benefit for companies that want to show that they are environmentally conscious.

### **No need to grease for the life of the bearing**

With the use of Solid Oil filled bearings there is no need for additional grease or oil for the life of the bearing. Bearings are lubricated for life and do not require additional lubrication.

To learn more about KOMAREK’s briquetting, compaction and granulation solutions, featuring Solid Oil filled bearings, please contact you sales representative for more information or email KOMAREK at [info@komarek.com](mailto:info@komarek.com).

### **How Solid Oil Filled Bearing Work**



**These bearings operate by allowing Solid Oil to fill the space within the bearing. The bearing moves freely as a result of the oil flowing through the slits in the moulding. The oil flows through the gaps providing constant lubrication.**