

Pork Processing Hangers

Industry:	Material Handling
End User:	Not Disclosed
Application:	Pork Processing Hanger Wheels
Thordon Grade:	ThorPlas-Blue
Date of Original Installation:	June, 2010

Challenge

The customer was using roller bearings in pork processing hanger wheels and had been unsatisfied with their performance. The roller bearings require grease to ensure smooth operation and were only providing a wear life of one month. Two roller bearings were required for each hanger wheel. The customer was looking for a solution with longer wear life while also eliminating the need for grease.



Pork Processing
Hanger Wheel

Solution

After reviewing the operating conditions and environment, Thordon recommended ThorPlas-Blue bearings to replace the roller bearings. ThorPlas-Blue bearings offer:

- Long bearing wear life with no maintenance
- Low thermal expansion and water absorption
- Lifetime lubricated
- Do not require oil or grease/greasing systems to ensure smooth operation

Outcome

After careful consideration, the customer decided to do a trail run with Thordon's ThorPlas-Blue bearings in some of their hanger wheels. Only one ThorPlas-Blue bearing was required for each wheel.



After a year of trials, the ThorPlas-Blue bearings still showed limited wear. Not only were maintenance costs significantly reduced, but the ThorPlas-Blue bearings had provided a wear life of more than 12 times than the roller bearings. Due to the long bearing wear life and reduced maintenance costs, the customer ordered 4,000 ThorPlas-Blue bearings.