
Case Study

Mast Roller



CERAMICSPEED

7-12 times longer bearing life in very harsh environments

Mast rollers in trucks often operate in very harsh environments. The large wear and the fast decay of the bearing often occur with insufficient lubrication due to low rpm, frequent start/stops, rotation to both ways and shocks.

Problem

The mast bearings in Scan-hive trucks only lasted for 10-12 weeks before they needed to be changed. This was an expensive cost for the customers, due to the field engineer and the time where the trucks remained were unavailable.

Solution

CeramicSpeed LongLife Xtreme bearings are designed for extreme conditions. They are unaffected by dust, grit, metal filings or tiny mineral fragments, which therefore makes them the best choice for applications like fork-lift trucks.

Result

CeramicSpeed bearings have lasted 7-12 times longer than standard bearings and therefore the customer has saved more than 100.000 kr. - not to mention the savings on downtime and production costs.

Technical Highlights

- Suitable for contaminated and harsh environment
- Start/stop function
- Rotations speed: low

