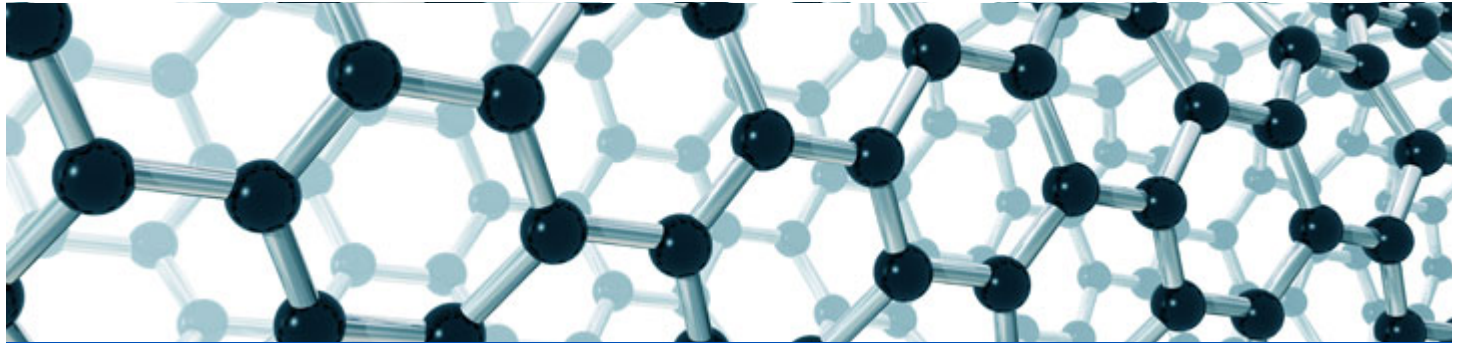




## Summary



<b>Industry:</b>	Other
<b>Application:</b>	Carbon fibre manufacturing line
<b>Actual Saving:</b>	£
<b>Payback Period:</b>	



## Revolvo Manufacture Bespoke Solution

Bearing material stabilised to 400 degrees with in-house bearing manufacture

### ISSUE

An ERIKS customer were experiencing bearing problems on their carbon fibre manufacturing line. These bearings fit in the rolls of the machine which sees high temperature of around 200 degrees.

The company wanted to increase the speed of the production line, which would mean increasing the temperature of the machine to cure the carbon fibre. Due to the temperature required specially tempered material is required to manufacture the bearings.

### SOLUTION

The ERIKS Core Competence Centre for Bearings along with Revolvo visited the site to meet with the engineering team to fully understand the requirements of the application.

Due to the increase in production the oven would be increased in temperature and the ordinary bearings stabilised to S2 200 degrees would to be sufficient to handle this temperature.

Revolvo suggested that they manufacture the bearings and then stabilised the bearing material to 400 degrees. Revolvo would then finish ground the bearings and assembled the bearings ready for fitting to the machine. We also specified an OKS extreme high temperature grease which, although regular purging will still be required to ensure clean grease is in the bearings.

### OTHER BENEFITS

- In-house bearing manufacturing capability
- Dedicated bearing core competence centre for technical support

### FURTHER COMMENTS...

An order was placed for the bearings which were manufactured at Revolvo in Dudley and delivered to the Wrexham site. The bearings were fitted into the machine on the scheduled shut and to date are working in application with no reported failures.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

**Tel: 0845 006 6000**

**Web: [www.eriks.co.uk](http://www.eriks.co.uk)**