



FLUOROCARBON CASE STUDY

HIGH MODULUS PEEK BASED SPLIT BEARINGS

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THE CHALLENGE

Our clients requested a solution to the bearings used in their application requiring frequent and costly refits.

Bronze Hanger Bearings currently being used in solid particle screw conveyers and process plants had evidence of excessive wear causing increased downtime.

THE SOLUTION

Fluorocarbon offered a custom designed High modulus PEEK based split bearing providing Low Friction, controlled thermal expansion and a fourfold increase of life.

THE OUTCOME

In addition to the increased life span the client benefitted from simple fitting and interchangeability with the bronze fittings.

Replacing these bearings prevented of loads being transferred onto the screw which had previously led to the blades being worn or damaged.