



FLUOROCARBON CASE STUDY

FL134 - J BEARINGS

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THE CHALLENGE

The OEM had experienced problems on deep water PLETS off Angola caused by the repeated expansion and contraction of pipe lines fixed to the subsea PLET.

This movement caused the base to dig into soft silt resulting in unacceptable stress levels building up in the attached pipe lines over a period of time.

THE SOLUTION

Fluorocarbon recommended using a bearing between the equipment mounting plate and mud mat, which was a rigid structure fixed to the sea bed.

Subsequent long term testing undertaken by Fluorocarbon and an independent Test House approved the bearing for subsea applications.

THE OUTCOME

Providing a bearing material which would not support any marine growth and operate in a marine environment ensured no maintenance and guaranteed operation for 40 years.

To date Fluorocarbon has supplied bearings to Acergy Company for Total and BP for other subsea applications off the Angola coast.