

INSULATED BEARINGS FOR LNG APPLICATION

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THE CHALLENGE

Our Client was awarded a project to convert VSOP vessel to be capable of handling and processing LNG. There were many pipe lines operating at extreme low temperatures (cryogenic) which required slide bearings at the support points and along the pipelines.

THE SOLUTION

Fluorocarbon have a range of insulation materials which can be incorporated into existing bearing designs for this type of application and for requirements when pipe lines are operating at high temperature.

THE OUTCOME

On this particular project space was limited; hence we supplied a bearing assembly incorporating an insulation barrier to prevent heat transfer to the pipe line or the supporting steel becoming a cold sink.

Nitrogen Refrigerated Liquid