



# GPT<sup>®</sup>

an EnPro Industries company



## Case Study: OFFSHORE Sour Service - EVOLUTION<sup>®</sup>

### PROBLEM

A gas compressor manufacturer was looking for an insulation kit to be fitted to one of its compressors, located on an offshore platform within the Persian-Arabic Gulf. As the gas was of a sour nature, the isolation gasket had to withstand the highly corrosive operating conditions. Ensuring a tight seal was a must because of the potential for serious harm from leakage of the media.

### SIGNIFICANCE

To meet the schedule of the project the compressor wasn't installed and had to be installed in transit. This added complication resulted in a minimal working space and a reduction in the length of the joint connections.

### OPERATING CONDITIONS

Temperature:	Ambient
Pressure:	600 ANSI
Media:	Sour Gas
Size:	0.5 - 2"



### SOLUTIONS

Following consultation with the EPC organization, EVOLUTION was recommended due to the 1/8" thickness of the isolation gasket and unique ID seal technology. The EPC was instrumental in advising the manufacture to use the EVOLUTION isolation kit, having used EVOLUTION in a previous project. They provided the confidence and technical assurances required to embrace this innovation. Installation was deemed a success and wouldn't have been possible with the traditional thickness of convention isolation gaskets. EVOLUTION remains isolated and leak free.

For more information, please visit: <http://www.gptindustries.com>



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