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# Case Study: Refinery

## VCXT

### PROBLEM

Engineering firm had a refinery client that had a high temperature and pressure application that also needed to be fire rated. Our VCFS gasket are not rated to temperature requirements as the GRE max use temperature is 392° F. The piping was a carbon steel/stainless steel flange as well as connections of 347SS and 9Cr-1Mo flange connections.

### SIGNIFICANCE

Without the ability to isolate, the flange would experience galvanic corrosion as dissimilar metals are utilized.

### OPERATING CONDITIONS

Temperature: 750°F (400°C)  
Pressure: 575 psig (40 bar)  
Media: Liquid Hydrocarbon

### SOLUTIONS

VCXT was the only viable gasket that would meet the requirements of the client based on the combination of steam, temperature and the need for fire rating. The customer specified and utilized in application.

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



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