

SAINT-GOBAIN SEALS APPLICATION CASE STUDY

Oil & Gas: Case of the “Twin Island” Leaking Valve



CUSTOMER CRITICAL DIFFERENCE

The existing body-cover seal was leaking due to a bad surface finish on the hardware. We replaced the unsafe part with **OmniSeal® 103A** seal within **3** days, getting our customer back on track with minimal downtime.

*“The expedient delivery of the 40” lip seal was very much appreciated. It’s good to know there are still vendors out there who are willing and capable of delivering exceptional performance when called upon. The Mahogany 2016 TAR takes **40%** of our total production offline. The delivery of the seal gives us a real possibility of getting the high spec 40” pip receiver valve compliant and functional for installation during this very significant TAR.” - Oil & Gas Customer, Trinidad & Tobago*

CONNECTED APPLICATION

OmniSeal® 103A Seal with v-packings: Used in on/off valves fugitive emissions as a non-abrasive sealing solution.

Solution Team: Kontich, Belgium Site

sealsmarketing@saint-gobain.com

www.seals.saint-gobain.com

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Critical parts
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SEALS

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PRODUCT SOLUTION

OmniSeal® 103A

AREA

40” PIP Receiver Valve

MATERIAL

Fluoroloy®

CRITICAL PART

1.2 meter Spring-Energized Seal

TECHNICAL DETAILS

- Media: Oil
- Temperature: 58°F (-50°C) to 320°F (160°C)
- Pressure up to 15,011 PSI (1,035 BAR)



BENEFITS AND ADDED VALUE

- Withstands high pressure and speed conditions of application
- Excellent in high pressure loading conditions

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