

BELZONA REPAIRS GTG SYNTHETIC LUBE OIL TANKS

ID: 6457



PROBLEM

A crack was found on a Stainless Steel LO tank on one of the gas turbine generator sets. The crack ran approximately 5-10cm around a 1" nozzle.

APPLICATION SITUATION

Lube Oil Tanks onboard an FPSO located offshore.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How system Leaflet TCC-1 and following a client approved Method Statement. A doubler plate was fabricated and sealed in place with Belzona 1511 before Belzona 1391T was injected to cold bond and seal the doubler plate to the tank. This sealed the leak and added extra strength to the tank.

BELZONA FACTS

As the facility is hydrocarbon live, hot work was not an option. The Belzona application not only sealed the leak but added extra strength to the tank.

INDUSTRY

Oil & Gas

LOCATION

FPSO, Offshore Ghana

APPLICATION DATE

January 20th 2017

PRODUCTS

Belzona 1511 (Super HT-Metal)
Belzona 1391T

SUBSTRATE

Stainless Steel

PHOTOS

1. Surface preparation
2. Belzona 1511 being applied to doubler plates
3. Belzona 1391T being Injected in-between doubler plates and tank
4. Doubler plates bonded onto tank

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

