

Test Separator Internal Coating

ID: 9657

Industry: Oil & Gas
Application: TCC-Tanks and Chemical Containment Areas
Substrate: Carbon steel
Products: Belzona 1511 (Super HT-Metal), Belzona 1593

Customer Location: Saudi Arabia
Application Date: October 2022

Problem

Test separator internal surfaces were heavily corroded due to the corrosive operating media, including cured oil, water, and mud.



The test separator's internal surfaces suffered severe corrosion.



Internal surfaces were heavily corroded due to aggressive media.



Evidence of severe corrosion damage on test separator internal surfaces



Complete application of Belzona solution on test separator internal surfaces

Application Situation

Test separator was heavily corroded and pitted due to the corrosive media and elevated temperatures during operation.

Application Method

1. Rebuild the worn metal with Belzona 1511
2. Topcoat the internal substrate with Belzona 1593 to fully protect the surface from further attacks.

Belzona Facts

The asset owner planned to scrap the test separator but with the help of Belzona, the test separator is back into service without the need for replacement.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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