

TEST SEPERATOR INTERNAL COATING

ID: 9657



PROBLEM

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

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.

INDUSTRY

Oil & Gas

LOCATION

Saudi Arabia

APPLICATION DATE

October 2022

PRODUCTS

Belzona 1511 (Super HT-Metal)
Belzona 1593

SUBSTRATE

Carbon steel

PHOTOS

1. The test separator's internal surfaces suffered severe corrosion.
2. Internal surfaces were heavily corroded due to aggressive media.
3. Evidence of severe corrosion damage on test separator internal surfaces
4. Complete application of Belzona solution on test separator internal surfaces

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