

BELZONA 1521 PROTECTS HYDROCYCLONE

ID: 441



PROBLEM

Failure of the existing glass flake lining had led to corrosion of the hydrocyclone body, which operates at elevated temperature.

APPLICATION SITUATION

Fast return to service time required for corroded hydrocyclone.

APPLICATION METHOD

Belzona® 1521 was applied to the hydro cyclone vessel body using heated airless spray following grit-blasting. Nozzles were coated internally by brush.

BELZONA FACTS

The use of Belzona® 1521 offered this customer a rapid turnaround along with the necessary corrosion resistance at elevated temperatures to prevent a repeat of the problems experienced when using other systems. Belzona® 1522 (HTS2 Metal) could have been used for this application. It is designed for plural airless spray applications.

INDUSTRY

Oil & Gas

LOCATION

North Sea Oil Producer

APPLICATION DATE

April 2004

PRODUCTS

Belzona 1521 (HTS1 Metal)

SUBSTRATE

Corroded steel

PHOTOS

1. Hydrocyclone body
2. Application of Belzona 1521 in progress
3. Completed application

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

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