

BELZONA REFORMS MAIN ENGINE LINER LANDS AND CORRODED COOLING WATER PASSAGES

ID: 100



PROBLEM

Corrosion in water cooled top land area of engine block.

APPLICATION SITUATION

Cylinder block of main engine.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet ENC-4, using formers to reconstruct the two cylinder liner lands in each cylinder.

BELZONA FACTS

Belzona was used because there was no other suitable solution. Machining would have weakened the cylinder block.

INDUSTRY

Marine

LOCATION

Ship Dockyard, France

APPLICATION DATE

1998

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast iron

PHOTOS

1. After grit blasting the degree of corrosion clearly evident
2. Lower land reformed
3. Cylinder rebuilt awaiting final finishing

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