



## PROJECT PROFILE

**PROJECT:** Tug Boat Engine Liners  
**LOCATION:** Brazil

### THE PROBLEM

After extensive use, the external areas of engine liners within a tug boat in Brazil had become seriously corroded and eroded and the condition of these liners suggested that they had to be scrapped.

The price of replacement liners was extremely high and after discussions with our distributor in Brazil - Thortex do Brazil, a solution was suggested based on the use of Metal-Tech EG and Metal-Tech FG.



### THE SOLUTION



The recommended Thortex solution was to blast clean the liners in question to remove all loose material, rust and surface contamination. This blast cleaning process provided an excellent profile for the application of Metal-Tech EG and Metal-Tech FG. Heavily worn areas were rebuilt with Metal-tech EG and the cured EG was then machined to bring the rebuilt area in line with the surrounding surface. The entire liner was then protected with Metal-Tech FG. As a result of this success, a further 24 liners have been protected.