



HOW TO COMPETE ON ALL PERFORMANCES VERSUS LOW CARBON ?

#1



Context

Our client is one of the biggest foundry in Europe. They decided to increase their quantity of manufactured engine blocks by 1.5 million blocks per year. They invested in one new molding line where there is, at the end, 2 "clamps" blasting machine in parallel. They gave us the opportunity to launch a trial with Stainium in comparison with LC shot. They wanted to reach the minimum blasting time as possible, less than 60s, and to avoid any internal wear of the water jacket walls inside the engine block.

#2



Actions

- ✓ 80 days of technical expertise to set and optimize the line.
- ✓ 9 programs of hot spot control and setting with thermal camera.
- ✓ 3 WA Cost.
- ✓ 1 Test Center trial.
- ✓ 139 TER.
- ✓ One year trial of Stainium 418.

#3

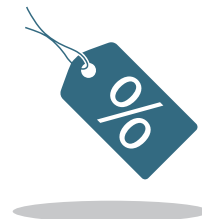


Results



30%

longer life time of the blades with Stainium (950h with SM versus 650h for LC)



Same cost calculated by WA Cost but a stronger support, which was and

