Testimonial by Allseas

What clients tell about us

CF Technology B.V . is a successful company with approx. 45 employees in the region Southwest Netherlands.

Production: from simple "work pieces" to the most complicated repairs and overhauling

Services: for heavy-chemical industry, shipyards, agricultural mechanization, earth displacement mechanization and transport business

CF TECHNIEK B.V.

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"**Allseas** is an offshore company specialized in installing subsea pipeline systems worldwide. We don't confine ourselves to just today's available technology - we also develop new techniques and applications as well. Not only are we doing this in the field of our core business, but also in terms of using equipment, maintenance and improvement of our fleet.

For example, in 2004 we had the urgent need to extend the 'life expectancy' of our Wärtsilä W46 cylinderheads. These cylinderheads are extremely susceptible to cavitation damage in the cooling channels, particularly the exhaust seats.

CF Techniek B.V. has been the ideal partner to join in a research project in order to extend the service life of our cylinderheads and making it possible for us to strongly save costs on maintenance.

In 2005 we started to fit the so-called **'sleeves'**. These are liners that are inserted in the exhaust pockets after the **cavitation damage** has been removed by milling. This method makes it possible to give the cylinderhead a new life, even after the last possible "oversize seat" (*editorial note: also known as* "the 3rd oversize seat")

By inserting these sleeves the initial 'standard size' seat can be used again and saves us the investment of a complete new set of cylinderheads.

This concept has been in use since 2005 on our pipelinevessel ship the **"Solitaire"** Since the implementation, our cylinderheads have been running **over 45.000** new hours. With **no previous mentioned cavitation damage**!

We are very satisfied with the solution that we developed together with CF Techniek B.V. in Krabbendijke, The Netherlands."

Mr. Jaap Wijsman, Senior Technical Inspector/Superintendent, Allseas Group, Delft (Netherlands).

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