



We are glad to present this second testimony by **Interscan Reederei GmbH**, the first one was published after ten months of using the XBEE Enzyme Fuel Technology in the ship's HFO 180:

- Smoke at the funnel became lighter
- This technology dissolves coagulated fuel impurities
- It improves the separator's work
- The water content in settling tank has been reduced

#### About Interscan Schiffahrt

The **Interscan Reederei GmbH** was founded 1973. The company is engaged with chartering of container and multipurpose ships as well with the carriage of forest products and all usual dry cargo within Europe.

The shipping group manages a fleet of three 6,300 dwt ships equipped with cranes that work all around the world, and eight 3,000 dwt ships that work in the European waters.

**For environmental-preservation reasons, the diesel engines of the smaller units are all burning marine gasoil.**

Due to new regulations, the shipping company had to convert the ships fuel systems in order to shift fuel from HFO 180 to MGO. Usually, such operations require a complete tank cleaning, which is often costly and time consuming. Using XBEE technology on a regular basis has been a good move from the company that could observe great results.

Mr Laufer, from **Interscan**, described his observations during tank-cleaning as follows:

*"The tank of the "MV Paivi", then filled with HFO 180, was opened to check its condition. Because of the new environmental regulations in the current sailing area, the ship could no longer operate efficiently with heavy fuel oil. Therefore, it was necessary to change the fuel system from HFO to MGO. To fill the tanks with the new gas oil, they had to be cleaned.*

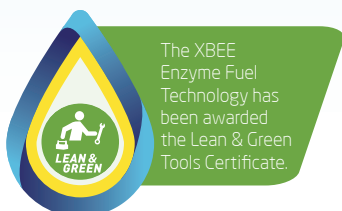
*However, in the end this cleaning was not necessary, because of the natural enzymes of XBEE. They already had done the cleaning process.*

*This cleansing performance by XBEE has exceeded our expectations. Have a look at the attached photos."*

After the **Interscan Schiffahrts-gesellschaft** used the XBEE fuel technology for almost three years on the ship *M/V Paivi*, it was given the interesting opportunity to compare cleanliness of sister ships tanks and to observe the enzymes efficiency.

We can appreciate the pictures taken by the shipping company **Interscan** of its two ships *M/V Paivi* with XBEE and *M/V Tim* without XBEE.

Both ships were operated until December 2014 with HFO 180 and switched to MGO on January 1st, 2015.



**M/S Tim - without XBEE**



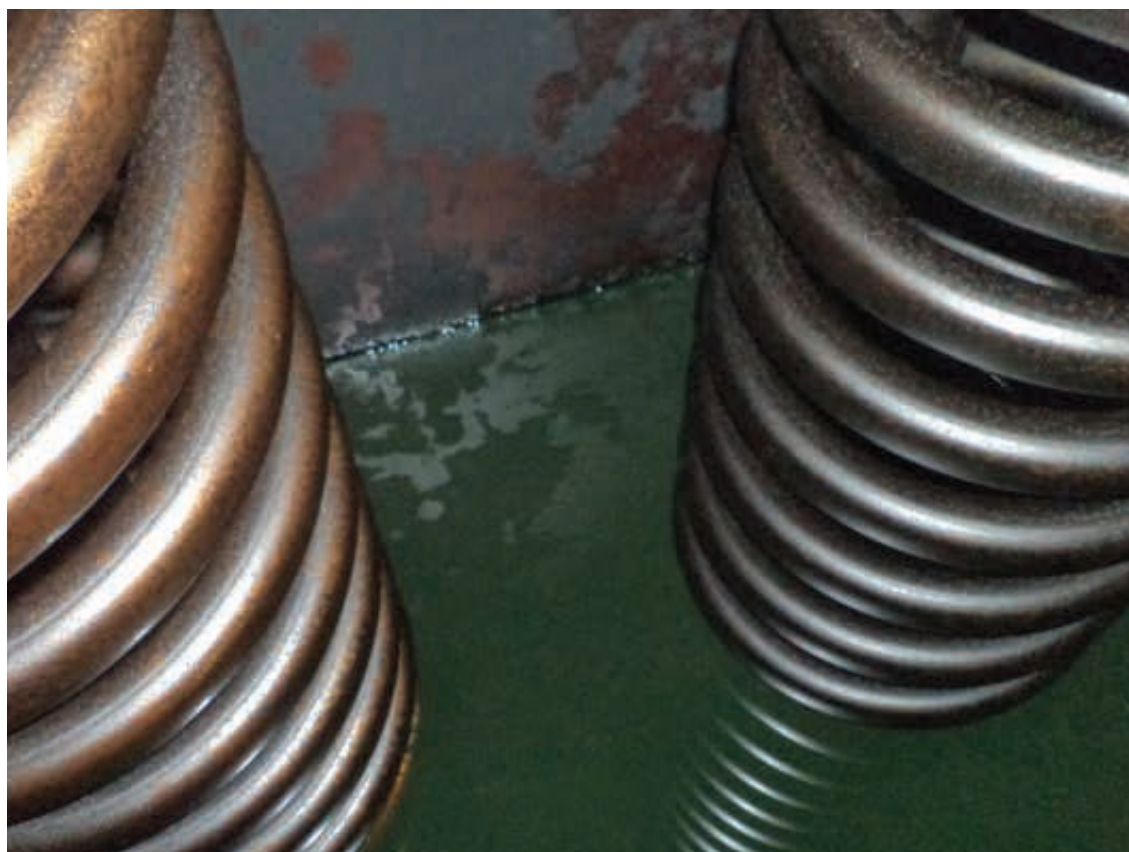


**M/S Tim - without XBEE**





**M/S Paivi - with XBEE**



**M/S Paivi - with XBEE**





**M/S Paivi - with XBEE**

