



The shipping company **Concord Shipping** owns four multi-purpose 7.950TDW / 444TEU vessels, powered on HFO 380.

On a sailing trip around Australia, the **MS "Antje"**'s HFO 380 stored in her main tank showed a **high percentage of paraffin**. The fuel was still in compliance with the standard, but caused problems in the fuel separator. Larger volumes of fuel than usual were separated.

After consulting **Xbee** Germany, the natural fuel additive was used to improve the quality of the fuel before the combustion.

**Xbee** and the **contaminated HFO 380 batch** were poured together in an empty tank. The mixing during bunker favored a good distribution of **Xbee** into fuel from the beginning.

Fuel distribution was enhanced for a few days thanks to the installation of a circulation pump.



After some time, the problems disappeared and did not occur again. **From then, this fuel could be used without any further technical issues** thanks to the action of the enzymes. Said enzymes helped to keep the **fuel structure homogeneous**.

Comforted by this experience, the marine company **Concord Shipping** decided to use **Xbee** in all vessels from now on.



The **Concord Shipping** fleet is composed of four multi-purpose vessels, all burning HFO 380.

Engines and fuels guarantees:

× **Xbee** is recognized by some of the most important marine engines manufacturers.



× On the other hand, **Xbee** respects the European regulation EN 590 Diesel norm and CSR 500 IFO 380 norm.

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