

**Frigorificos del Morrazo** group, located in Cangas, Spain, manages **Nova Seafish Ltd.** Fleet, flagged in the Falkland Islands. This fishing company operates the freezing-trawler *M/V Robin M Lee*. The ship is a modern unit: 2015 GT, 70-meter long, 13-meter wide.



The gasoil consumed by the *M/V Robin M Lee* has first been enhanced with **Xbee** enzyme fuel treatment in June 2012. After 3,000 running hours, results are positive.

The superintendent observed:

- the smokes at the exhaust have been reduced and are a lot lighter and transparent than before. Moreover, the temperature has decrease by a few degrees.
- the fuel tanks are markedly cleaner; sludge usually present in the bottom of the tanks have been substantially reduced.
- there are no more carbon deposits on piston heads and valves.
- during these first months of treatment, the fuel filters consumption has been markedly reduced and stabilized.

#### **Frigorificos del Morrazo group**

Albano (Superintendent)

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- the lube oil consumption has ben reduced too.

All these positive results lead to the mechanical conclusion that the fuel consumption has been improved too.

#### 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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