



Customer : Oiltanking
Amsterdam BV
Product group : Industrial Hoses
and Accessories
Market : Transport, aviation
and maritime
Application : Memory hoses
Savings : > € 10,000 PA

ERIKS PROVIDES SOLUTION FOR HEAVY, DIFFICULT TO HANDLE HOSES

Sustainable lightweight Memory hoses are more practical and save costs



Oiltanking

CUSTOMER PROFILE

Oiltanking Amsterdam BV (established in 1975) is located in Amsterdam's western port area. The company specialises in storage and transshipment of mineral oils including crude oil, petrol, aviation fuel and diesel.

CHALLENGE

Oil tankers are supplied with fuel on six sea pontoons. The released vapours are captured and recovered via a vapour recovery unit. 1,000 to 1,500 cubic metres are released per ship; the recovery unit processes some 7,500 cubic metres per hour. The 6" hoses that are mounted on the fuel loading arms were previously made of stainless steel and later from plastic with a steel spiral. At some 10 metres in length, the stainless steel hoses became extremely heavy and the plastic hoses always hardened quickly. Furthermore they always frayed on the outside which meant that the operators could hardly handle them, which was certainly a problem in 10% of cases in which a 4-metre extension was needed.

SOLUTION

ERIKS advised using Memory hoses: These industrial hoses are lightweight and are tough: they will not tear easily, break or form kinks and always return to their form. They are also extremely capable of withstanding the medium that passes through. They are UV-proof, which means that they do not harden and remain flexible. They last much longer than other hoses for this application.

The combination with Fusiotherm flange couplings completes the unit. These couplings are made from plastic and are both lightweight and non-sparking. The ERIKS Memory hoses are used at almost all Oiltanking terminals in combination with Fusiotherm flange couplings. As they are lightweight, these hoses are low maintenance and meet health and safety requirements. This enables the recycling of released (oil) vapours to run smoothly, both for the operators as well as for the medium. Oiltanking Amsterdam uses 12 x 10-metre Memory hoses and 6 x 4-metre hoses.

SAVINGS

■ > € 10,000 PA

OTHER BENEFITS

- Hoses require minimum maintenance
- They last much longer than other hoses

know-how makes the difference

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