

Petrochemical products transportation



Problem

Loading and unloading thermo trailers for petrochemical applications

Solution

Vogelsang VX136-140Q rotary lobe pump

J+B Küpers GmbH (Germany)

J+B Küpers GmbH is a company whose business is crane works, transport, earthworks, demolitions, services for environment, industrial cleanings and rescue works. As a part of their transport services, they specialise in heavy loads and special, dangerous substances transportation.

J+B Küpers was looking for a solution for loading and unloading their thermo trailers for petrochemical applications. The pumps for this kind of application need to satisfy several requirements, such as space and weight requirements to be installed in a tanker without occupying much space or weight. They have to be versatile and chemical resistant to be able to pump different fluids, some of them with a high viscosity. Another very important factor is the reversible direction of flow that enables the vehicle to be loaded and unloaded with a single pump.

Because of these requirements J+B Küpers decided to install the stainless steel Vogelsang rotary lobe pump VX136-140Q with Viton coated lobes in their thermo tankers, in order to pump different fluids produced in the drilling zone such as crude oil, drilling or flushing medium, conden-

sate made of crude and water or even water until 80°C.

Advantages of the Vogelsang rotary lobe pump:

- Flexible applications
- Resistant to chemicals
- Light and compact
- Reversible direction of flow

