

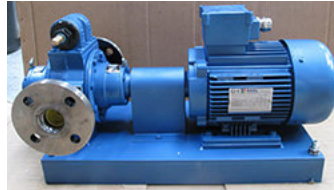
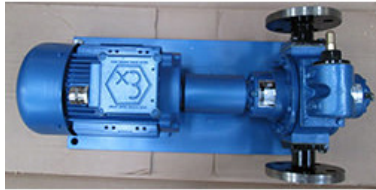


Oil Manufacturer - Case Study



Case Study Information

Customer	Oil Manufacturer
Location	United Kingdom



Equipment Supplied:

1 x Horizontal Vane Pump BAL12R

Fluid	Furnace Oil
Installation	Horizontal
Flow	43 L/min
Discharge Head	3 bar
0.55kW / 400v / IP55 / 750 rpm / 50Hz / ATEX Motor	

Enquiry:

- ✓ A UK oil manufacturer wanted a vane pump for transferring furnace oil from tanks to vehicles, and also required the pump to clear the lines and dry run for short periods of time. The customer had received a quote from elsewhere but the lead time was 6-7 weeks and wanted to see what we could offer from our Vane pump range.

Solution:

- ✓ Castle Pumps supplied a Horizontal BAL12R Vane pump fitted with duravanes which are used by many market leading manufacturers of Vane pumps, which automatically adjust clearances, whilst maintaining high levels of flow performance for a longer period of time (compared to that of a standard vane). The pump has external oil lubricated bearings and was fitted with twin mechanical seals. The pump was fitted with PN10 welded flanges as well as an ATEX motor, enabling the pump to be future proof and used within other areas on site. A pressure relief valve was also fitted, ensuring the pump would not sustain damage should the pump experience a closed outlet. The pump was delivered within 4 weeks and was baseplate mounted.