



# PumpAction..... Issue 38

## CASE STUDY

### **Sandpiper's smooth operation has wool processor running on air**

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Victoria Wool Processors is a leading wool scouring plant in the western suburbs of Melbourne. As part of its wool scouring process, it recovers wool grease (lanolin) which is a very valuable by-product.

The recovery process utilises a 3-stage centrifuge/separation process with transfer pumps required at each stage.

On this application Victoria Wool was using motor-driven gear pumps. However, due to the inconsistent flows, the pumps were at times running dry which caused them to regularly fail.

In replacing the pumps, an electrician was always required to remove the failed pump/motor base set and replace it with a new pump base/motor set.

This set up was not reliable enough for plant production requirements so the company changed over to Sandpiper air-operated double diaphragm pumps because they work on air, therefore no electricians are required.

Also, the pumps can very easily handle temporary dry-running without damage.

*(Sandpiper 1" Model S1FB1ABBABS100 pictured)*

