

PROBLEM SOLVER

CORRECT ALIGNMENT REDUCES ENERGY CONSUMPTION



Problem: A beverage plant was experiencing excessive vibration in 12 of its pumps. This was resulting in excessive energy consumption and the premature wear of parts, leading to unplanned downtime, increased maintenance costs and lost production.

Solution: A SKF condition monitoring programme showed that the high vibration levels were due to misalignment. Using an **SKF Shaft Alignment Tool TKSA series**, technicians were able to quickly and accurately realign the pumps. The TKSA series are highly accurate, quick and simple to operate. In addition, some models can be used in conjunction with your own tablet or smartphone to produce and store alignment reports. These give an instant overview of the alignment process and results, and are easily sharable via email or cloud services.

By correctly aligning its shafts, vibration was reduced, improving the reliability of the pumps, and the company reduced the energy consumption of its pumps by 20%; a total reduction of 180 MWh per year.

Food and
Beverage



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