

PROBLEM SOLVER

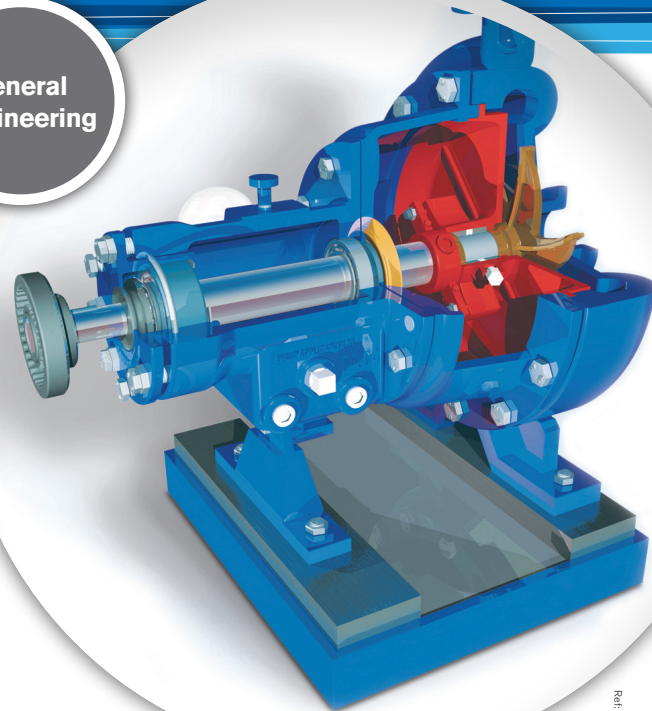
SPEND MONEY TO MAKE MONEY ...

LOCTITE®

Problem: Pumps are typical examples in a plant where the device life can be extended and high performance assured by efficient predictive maintenance and repair. Castings, impellers and volutes wear due to corrosion, erosion, cavitation and mechanical damage. Evaluating the efficiency of a 22kW pump from a major UK automotive manufacturer, it was found to be under-performing by a minimum of 30% against the manufacturer's original test data.

Solution: After some effective maintenance with various **LOCTITE range products** a second performance test was performed and the results were outstanding. The remedial work had restored the pump to original specification, **increasing its efficiency by 30%**. The cost of the repair amounted to £5,542. But offsetting this, in the first year alone, was an estimated energy reduction of £3,936. This was calculated at £0.08/kWh at 12 hours per day with an 80% load.

General
Engineering



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