Hydraulic Rerates & Pump Efficiency

During a mechanical seal replacement at a major gas plant, a reliability engineer identified that their API OH2 centrifugal pump was operating below the Minimum Continuous Stable Flow (MCSF).

In this case, Hydro Rocky Mountain partnered with HydroTex Deer Park's engineering team to provide the customer with an innovative solution by utilizing the existing casing and providing a redesigned impeller to optimize the overall efficiency and life cycle of the unit.

Watch as Ares Panagoulias and Glen Powell, of Hydro's test lab, examine the historic operating conditions in regard to the pump's best efficiency point (BEP) and provide a performance test to validate the upgrades and modifications.

Case Study: Hydraulic Rerates & Pump Efficiency from Hydro, Inc. on Vimeo.

Read the full article on World Pumps: worldpumps.com/ancillary-products/features/seal-replacement-reveals-causes-of-vibration/