

CORROCOAT

Increased concern relating to the more effective use of energy resources has resulted in the introduction of new technology in coating materials. This is aimed at maximising the performance of pumping systems used in areas including power generation cooling water systems, the process industries and water and waste treatment.

Coating specialists Corrocoat were pioneers in this field of research. The Fluiglide system – first introduced in 1985 – has now been applied to literally thousands of pumps worldwide, achieving in every case significant improvements in efficiency. The performance of the process has been the subject of extensive test procedures, including evaluation by major manufacturers, utilities and industrial users.

Fluiglide materials offer dual benefits. The system not only achieves notable increases in overall efficiency levels, but also provides an effective corrosion barrier, preventing early fall-off in performance due to nodular growth and surface corrosion.

FLUIGLIDE



**FRICION REDUCING ENERGY
EFFICIENT PROTECTIVE
COATING SYSTEMS**



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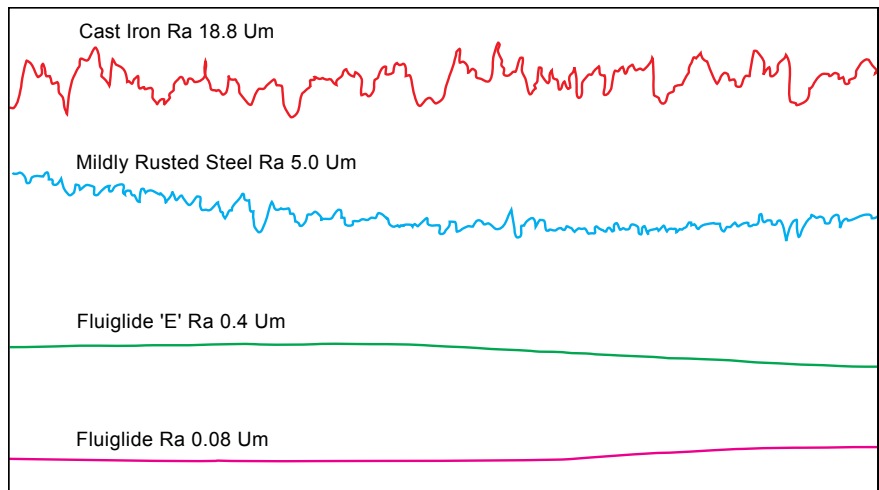
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A Sustaining Member of
the Institute of Corrosion

FLUIGLIDE: A PROVEN PERFORMANCE

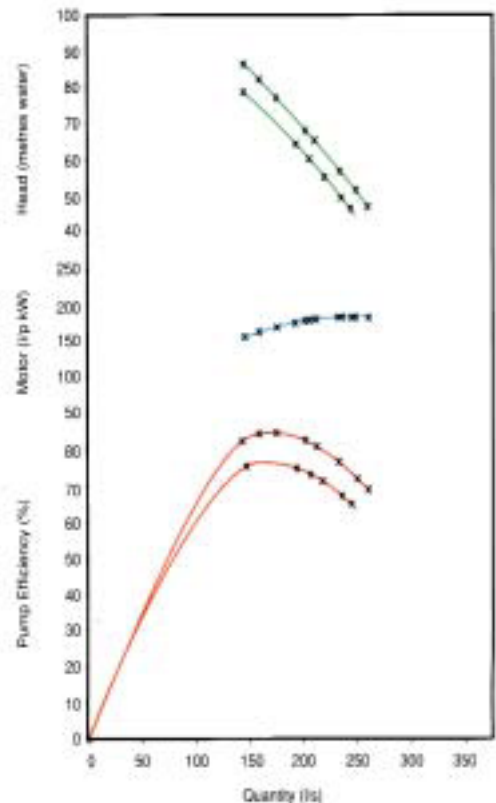
- Fluiglidle is an advanced coating system manufactured and applied by Corrocoat - world leaders in pump coating technology.
- Fluiglidle offers proven efficiency increases, with documented evidence of results achieved.
- The established performance of the Fluiglidle system worldwide places Corrocoat in a dominant position in this demanding and competitive field.
- Corrocoat has now had the opportunity to test and evaluate pumps which have been running using Fluiglidle systems for longer than any other company active in this field.
- To support the potential of the Fluiglidle system, large numbers of users can corroborate the positive benefits of the materials.
- Corrocoat also offers special abrasion resistant variants of the Fluiglidle system, for use where the solids burden is high and abrasive.



Roughness Amplitude of Selected Surfaces

PUMP RUNNING COSTS: A PERSPECTIVE VIEW

Over an expected life span of 20 years, only 2.5-3% of the cost of pump operation relates to the purchase price of equipment, with a further 2-2.5% attributable to maintenance costs. The remaining 95% is consumed in the cost of the power to run the unit. With the ever increasing cost of energy over the life of a pump running continuously, the potential savings from the average 4-5% improvement offered by the Fluiglidle system offers a fast payback on the initial coating costs.



Typical test curves showing improvement in efficiency after overhaul and treatment with the Fluiglidle system.