

CASE STUDY : FLUID EFFICIENT COATING OF A PUMP CASING

FLUIGLIDE TREATMENT OF THE INTERNAL SURFACES OF A 14/12 HSC PUMP

CLIENT

Major Pump Manufacturer

APPLICATION DATE

October 2007

SCOPE OF WORK

Chamfer split faces and flanges and prepare casing ring lands.

Blast and coat internally with fluid efficient coating. Cast in ring lands.

PRODUCTS

Corroglass 600 series

Plasmet ZF

Fluiglides

INTERNAL COATING SYSTEM

Grit blasted internally to ISO 8501 - Cleanliness Standard SA 2.5.

Coated internally using Corroglass 600 Series to a minimum 750 DFT.

Thickness checked.

Spark tested at 9.5 Kv.

Single coat of Fluiglides applied.

EXTERNAL COATING SYSTEM

Grit blasted externally to ISO 8501-1 – Cleanliness Standard SA 2 and applied one coat of Plasmet ZF.

CORROCOAT CREDENTIALS

Fluiglides has been applied to thousands of pumps world wide, achieving significant improvements in efficiency.

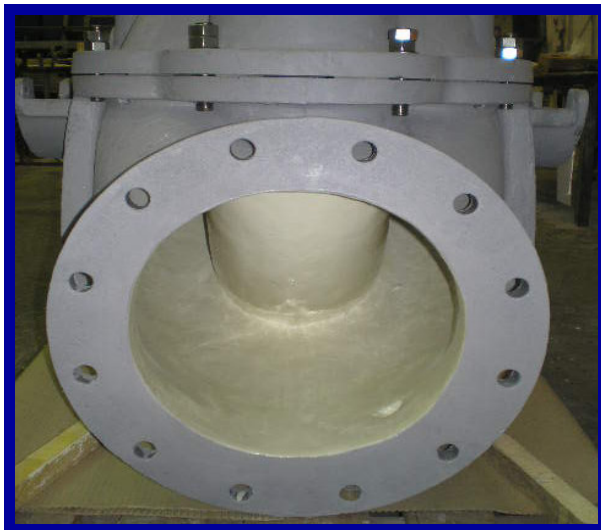
Fluiglides offers both increased efficiency levels and an effective corrosion barrier. Typical efficiency improvements of 4-6% are achieved using Fluiglides (subject to design and operational parameters).

PHOTOGRAPHS :

Top: Pump Casing as received

Middle: Internals coated prior to ring land casting

Bottom: Pump fully re-furbished



CORROCOAT