



Prover Loop Protection

Accurate Measurement of Crude Oil Flow

Industry: Oil & Gas
Product: Polyglass VEF & Fluiglides
Expertise: Internal Pipe Spraying

For a prover loop to accurately measure the crude oil, minimal surface friction and long term corrosion protection is critical. Corrocoat's VEF & Fluiglides provided the perfect solution for this carbon steel prover loop in the Middle East. Corrocoat's pipe blaster and sprayer are designed and manufactured in house to match the requirements of Corrocoat materials.



Fluiglides Treatment of 14/12 HSC Pump

Major Pump Manufacturer

Industry: Water
Product: Corroglass 600 series, Plasmet ZF, Fluiglides
Expertise: Efficiency Improvement

Corrocoat regularly treat new pumps for the pump manufacturers. This pump was treated with 600 series to prevent corrosion, followed by one coat of Fluiglides which typically improves efficiency by 4-6%. An external coat of ZF is applied to provide corrosion protection to the exterior of the pump.



Sea Water Venturi

Cavitation, Undercutting & Severe Corrosion Around Flange Area

Industry: Power
Product: Internal - EA / EB Series, Fluiglides E. Externals - Plasmet ZF.
Expertise: Internal & External Coating of Pipe Work

Corrocoat EA and EB series provide good resistance to erosion, cavitation and impact when used at thicknesses above 1.5mm. These cast iron components were originally glass lined and were fully refurbished with the above Corrocoat system.

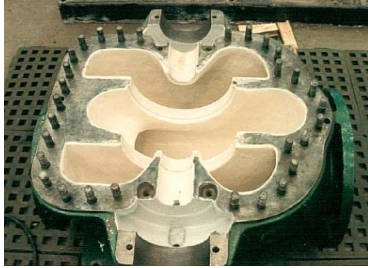


Sea Water Impeller

Fluiglides Reduces Friction & Increase Efficiency

Industry: Oil & Gas
Product: Fluiglides & 600 Series
Expertise: Energy Efficiency

This bronze impeller was severely corroded from the sea water environment and required considerable rebuild work using 600 series and Kevlar matting. The outer faces of the impeller were coated with 200 microns of Fluiglides giving it a smooth finish thereby increasing pump efficiency and reducing power consumption.



Worthington Pump

Cost of Repairs Paid Back in 15 months Due to Reduced Power Consumption

Industry: Process
Product: Corroglass 600 series & Fluigluid
Expertise: Rebuild and Repair

Severe corrosion, deep pitting and corrosion deposits resulted in poor performance, increased pumping costs and its untimely failure. All internals were rebuilt and re profiled using 600 series. The wear rings and landings were built up with Corroglass and machined back to original size. A top coat of Fluigluid was applied to reduce friction and the savings in power consumption paid back the repairs in 15 months.
