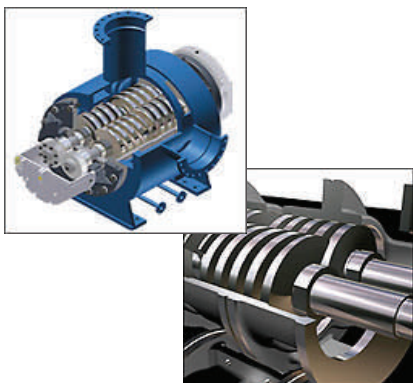


Screw Pump Repairs with Devcon

Twin screw pumps are commonly used in a wide range of applications in oil extraction, oil refineries, the chemical industry and on board oil tankers to name but a few.

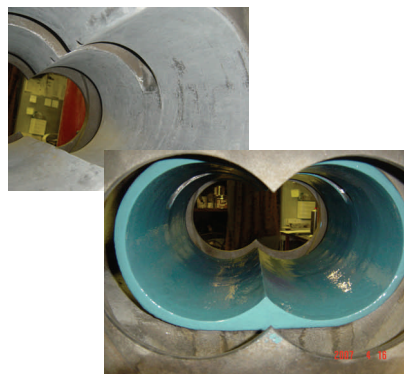


When repair and maintenance work on the pumps is required, parts no longer need to be replaced but can be easily repaired using Devcon epoxies. The convenience of using Devcon epoxies in such applications enhances the cost-effectiveness of the production process with a quick and easy application therefore reducing and preventing costly downtime.

Demonstrating this, the screw pumps on board oil tankers VIMSI and RISTNA have been repaired with a range of Devcon products. Engineers discovered the screw-housing gap had increased up to 3mm as a result of radical abrasion and corrosion. In order to get them fully operational with minimal downtime, repairs were carried out by screw finish machining, sandblasting of the housing and then degreasing using **Devcon Fast Cleaner**.



The housing was then restored using Devcon Titanium Putty, which was manually machined with the use of a control pattern. Finally **Devcon Brushable Ceramic Blue** was applied to create a protective barrier against future abrasion, erosion or chemical attack.



As a result of the repair work, both pumps are operating at 98-99% of their normal capacity. Another successful repair using Devcon products which helped the engineers to overcome the limitations of materials/parts and prolonged the life of the equipment.

MMP supplies Mexican gas rigs

MMP's International Export Manager Don MacKenzie and his Mexican distributor Maki, have successfully secured a number of orders to supply a range of products to Pemex (Petroles Mexicanos), Mexico.

Pemex own and operate all gas rigs in the Mexican sector of the Gulf of Mexico. MMP will now be able to supply a range of repair and anti-slip products to Pemex engineers, who are responsible for the maintenance and safety on the gas rigs.



Don MacKenzie & Martha from Maki

Devcon Tru-Bond Light Cure Adhesives

Tru-Bond™ light cured adhesives are single component, 100% solids, solvent free formulations designed to replace costly two-part systems, die-cut films and tapes whilst offering the flexibility of unlimited open time plus the productivity of instant cure when exposed to UV/visible light.

Tru-Bond™ 18100 Series - Glass Bonder

- Provides durable, high strength bonds
- Cures rapidly even through translucent substrates
- Optically clear, non-yellowing
- Also bonds to various metals and ceramics

Markets

Display Manufacturers
Optical Components
Glassware/Furniture Manufacturing



Attach pewter ornaments to glass

Tru-Bond™ 18200 Series - Plastic Bonder

- Bonds a wide range of plastics
- Flexible and resilient
- Superior impact resistance
- Excellent thermal cycle properties

Markets

Sign and Display Manufacturers
Sports Apparel
Film and Sheet Lamination



Attach plastic beads to glass

Tru-Bond™ 18300 Series - Dual Cure Protective Coating / Potting

- Light and/or heat cure
- Optically clear, tack-free encapsulant
- Minimal shrinkage for potting up to 3/4"
- Coating will not scratch or mar

Markets

Electrical/Security
Jewellery, Crafts and Signs



Optically clear coating to protect pins

Tru-Bond™ 18400 Series - Pressure Sensitive Adhesives (PSA)

- Liquid formula that instantly cures to a PSA
- Bonds any substrate...including polypropylene
- Dispense, cure and then assemble when required
- Medical USP Class VI approved

Markets

Sign and Graphic Assembly
Industrial/Electronic
Medical



Adhesive applied to aluminium collar

Tru-Bond™ Substrate Selector Guide

SERIES	PLASTIC																METAL						NON-METAL						
	ABS	FR-4	Polyethylene	Polyimide	PBT	Polycarbonate	Polyetherimide	Polyester Sulfone	PETG	Polyimide	PMMA	POP	Polypropylene	PPS	Polystyrene	PSU	PUR	PVC (Flexible)	PVC (Rigid)	SAN	Aluminum	Cold-rolled Steel	Copper	Galvanized Steel	Stainless Steel	Zinc	Crystal	Glass	Ferite
18100	○	●			○	○				○	○				○			○	○		●	●	○	○	●		●	●	●
18200	●	●			●	●	○	○	●	●	●	○			○		●	●	●	○		○	○	○	○				
18300	●	●				○				○	●				○			○	○		●	●	○	○	●	○	●	●	○
18400	●	●	○	○	●	●	○	○	●	●	●	○	○	○	●	○	●	●	●		●	●	●	●	●	●	●	●	●

For further information or a copy of the adhesive brochure contact ITW Devcon.

ITW Devcon Unit 3, Shipton Way, Express Business Park, Northampton Road, Rushden, Northants NN10 6GL UK
ITW Devcon Industrial Products GmbH, Liebigstraße 21 24145 KIEL Deutschland/Germany