

# SYNTHO-GLASS®UP

## REFINERY 3" OD PRESSURIZED LEAK REPAIR



### **Problem**

A refinery in Tula, Hidalgo Mexico located a pinhole leak on a 3.5" OD steel pipe.

### **Conditions**

The pipe is pressurized at 30 psi (2 bar), carrying water and oily condensate at 122°F (50°C), and cannot be shut down for repair.

### **Solution**

The refinery simply used one Syntho-Glass®UP415 Kit to repair the leak. After preparing the surface using the included sanding cloth and solvent cleaning wipe, Syntho-Steel™ load transfer putty was applied to seal the leak and was held in place using Pressure Sealing Rubber Tape. Eight layers of Syntho-Glass® was then applied to strengthen the pipe and rebuild the pipe wall back to MAOP.

### **Result**

The repair was completed in less than 30 minutes without the need to shutdown, saving precious time and money.

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