

Another Problem Solved by PipeServ

Location: Queensland, Australia

Application: Crude Oil Line – Leak Repair

PipeServ was able to offer a solution for the repair of a leaking light crude oil (LCO) line. External corrosion had caused a leak at a pipe support on the LCO line.

Corrosion at pipeline supports are a common problem and if not detected early often leads to leaking pipelines. ClockSpring|NRI Pipe Supports are designed to prevent this corrosion and can be installed to either new or existing pipelines. In this instance, the corrosion was only detected when the pipeline started to leak. The repair methodology included:

1. Install a plug to the pipe leak.
2. Apply a metal epoxy over this plug.
3. Install a pipeline leak repair clamp.
4. Pipe cleaning and preparation for Snap Wrap.
5. Install ClockSpring|NRI Snap Wrap over the clamp.
6. Apply epoxy filler to taper from Snap Wrap to pipe.
7. Install ClockSpring|NRI Contour to the repair area.

ClockSpring|NRI engineers confirmed that the number of layers required to meet the pipeline design pressures and temperatures; ensuring no leaks for the future of this repair.

ClockSpring|NRI Snap Wrap and Contour were supplied and installed by PipeServ Technicians in one day and with no loss to production.



CLOCKSPRING | NRI® SNAP WRAP AND
CONTOUR INSTALLED TO REPAIR
LEAKING CRUDE OIL PIPELINE.