

SuperCorr[®] Provides Long-Term Corrosion Solution for Aging Pipeline

Area
Ferrier

Formation
Various

PureChem Products
SuperCorr

Challenge

A prominent Canadian midstream company was facing significant corrosion challenges on aging pipelines in Alberta. PureChem recommend a program on a historically problematic line with the intent to eliminate the high corrosion and failure rates repeatedly experienced on this line. Corrosion was more prominent in the low-lying areas of the sales oil pipeline (6 o'clock position).

Solution

PureChem technical specialists analyzed the line in question and deemed it a good candidate for SuperCorr based on production, flow-rate, and line size. The SuperCorr program was implemented in March 2014 with annual batches of the corrosion inhibitor.

Benefit

The program produced excellent results with a 100% reduction in downtime and essentially stopping the corrosion process on this aging and critical line.

A section of pipeline was sent for third party inspection and it was confirmed that all locations tested showed a thin film of SuperCorr ranging from .45 to .70 mil thickness. Corrosion rates and pitting had essentially halted since the SuperCorr program began based on ILI results captured prior to program implementation vs this inspection.

