

CONCENTRATED CHAINBREAKER MICROBE BLEND

PIPELINE CASE HISTORY

A 100 mile long 4" pipeline transports approximately 1800 barrels/day of 35 API gravity crude oil from the Halfway Formation in Alberta, Canada into a 10,000 barrel storage tank. The limit on water content was 0.05%.

BEFORE TREATMENT:

- Pigging operations resulted in stuck pigs having to be cut out of the pipeline – a very expensive process.
- Hardened paraffin wax was built up in the pig barrel.
- All of the paraffin was pushed into the 10,000 barrel tank. Tank clean outs with steamers and vac trucks was another expensive process.

TREATMENT:

- Chainbreaker is hydrated and activated by water at a 50:1 ratio.
- The activated Chainbreaker solution is fed at a rate of 8 gallons/day.

AFTER TREATMENT:

- Pigs would not get stuck at any point in the 100 mile pipeline.
- Paraffin material in the pig barrel was soft and supple.
- All of the paraffin build-up in the 10,000 barrel storage tank disappeared. No hard paraffin was present and squeegees were used to clean the tank walls.
- Water entrained in the paraffin was released.