



Severe corrosion and pitting was discovered when tape was removed, and the pipe was sand blasted.



Archco 453HT being sprayed applied out in the field.



Fully cured Archco 453HT is an excellent heat resistant coating for the petrolatum industry.

Project Data

Location	Tupman, California
Completed	2017
Project Type	Hot Pipe Coating
Products / Systems Used	Archco 400 / Archco 453HT
Contractor or Applied By	Maintenance Personnel

Project Details

An oil producer in California has had issues with their hot lines leaking into the producing oil and gas fields. After digging up the buried lines, they observed that the asphalt tape system, applied to the lines, had failed resulting in serious corrosion.

The engineer in charge of this project did not want to go back with the tape system. They preferred a coating that would take temperatures anywhere from 90°F to 250°F. They had looked at other coatings, but most of the coatings they tried would not hold up to the higher temperatures and the content of H₂S in the soil. Having some past experience with the 453HT at higher temperatures, Denso recommended the 453HT for this high heat, and resistant to H₂S service. The 453HT was applied in one pass at 30 mils DFT.

Benefits

- Excellent adhesion
- High temperature stability
- Abrasion and impact resistance
- High temperature water resistances, oil & gas
- Thermal and mechanical shock resistance
- Excellent flexibility

Date Published: January 2018