PROBLEM:
The owner needed a tough, corrosion resistant coating to line the outside of steel gasoline pipes. In addition, the location of the gas pipeline deep in the jungles of Indonesia posed a huge challenge for accessing the eleven miles of gas pipeline.

SOLUTION:
Polyshield HT™ was chosen due to its high tensile strength, rapid cure time, and ability to form a seamless membrane to the pipeline. To help overcome the logistical challenges, SPI provided expertise for setting up an automated lathe to spray the pipes. Utilizing a time saving field joint application and the automated spray lathe allowed for same day backfilling. The result of this crucial process saved considerable time and money.

RESULTS:
The Gulf Oil Company through working in partnership with the applicator and SPI were able to protect their valuable gas pipeline investment and not over-inflate the project cost.

The exterior surface preparation, approximately 11 miles of 12", 16", & 18" gas pipeline, consisted of wire wheel abrasion and a MEK or Acetone wash. Polyshield HT™ with AE-4 (adhesion enhancer) was sprayed at a thickness of 60 mils. No primer was needed due to the use of AE-4 adhesion enhancer, allowing the Polyshield HT™ to bond directly to the steel.