



Apollo

Increased operational reliability in a pipeline segment

Complete solutions that are applied throughout its value chain

SITUATION

To maintain the mechanical integrity of a segment of a pipeline that supplies two national refineries, Pemex required limiting the pressure applied to this portion of the system. Simulations carried out by Pemex showed that **the segment in question had critical points, which could eventually cause a loss**. Arbitrarily easing the pressure was not an option, as it would have put the timely supply of refineries at risk. While the segment required a comprehensive rehabilitation program, for safety reasons immediate action was required. Thus, while its maintenance was scheduled, it was necessary to ensure its operational reliability.

SOLUTION

To answer this particular need, Apollo offered to test the **Friction Reducing Agent (DRA)** "enhanced FLO-1010" in the segment. The product, whose function is to reduce the line pressure **without affecting the hydrocarbon flow**, was injected in one of the pumping stations. The test results showed that the DRA had managed to **reduce the pressure by 5 kg for each square centimeter**, enough to minimize the probability of an operational accident.

Thanks to the effectiveness shown, since 2012 the DRA has been injected into the pumping station corresponding to this segment, as a complementary activity to the maintenance program carried out by Pemex.

If your business experiences similar difficulties, feel free to contact Apollo experts to design a solution to your pipeline integrity and reliability problems.



EXPERIENCE

PRESSURE REDUCTION

in the pipeline, without affecting
the hydrocarbon low



MORE THAN 20 YEARS

product application to Pemex
pumping stations

www.apollo.mx
info@apollo.mx
+52 (722) 279 1400

