

MC M-8120 Antifoulant Controls Fouling in Compressors

Treatment Program a Fraction of Previous Program

BACKGROUND

These problems were first reported to the operator's incumbent chemical supplier, who recommended injecting methanol into the suction line. This helped the problem a little, but they were still having to replace valves regularly. Later, the incumbent's service began to deteriorate and the methanol tanks run out.

ISSUES

This operator had high lease operating expenses due to solids clogging up screens and damaging valves in compressors. The cost of replacing compressor valves was growing rapidly.

ANALYSIS

Multi-Chem mobilized its field technical team to assess the problem. After a thorough review, MC M-8120 antifoulant was recommended.

RESOLUTION

Two tanks were set to treat four compressors with new valves, with each tank injecting into two compressors' suction lines. After several weeks of using MC M-8120, the valves on the compressors were pulled for inspection. It was then observed that the valves were as clean as the day they were installed, with no deposition. Impressed with the results, tanks were set to treat all of the compressors with MC M-8120 antifoulant.

DELIVERED VALUE

The operator was able to eliminate the cost of replacing valves with MC M-8120 antifoulant. The operator stated that the cost of the MC M-8120 treatment program was a small fraction of what they were spending on replacing valves and purchasing methanol from their former chemical supplier.

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