

MC HI -1000 Applied with Methanol to Prevent Surface Lines from Plugging

"Super Methanol" Provides Savings of \$2600 / Month

BACKGROUND

The plant operator was experiencing problems with Gas Plant freezing up. Although they had two injection pumps pumping 24 gal of methanol per/day, they were unable to resolve the "freezing" issue and were out in the cold, looking for a solution.

ISSUES

The Gas Plant experienced lines "freezing up" requiring the plant to shut down and thaw the lines out.

ANALYSIS

RESOLUTION

Multi-Chem applied the HI-1000 / Methanol mixture initially through both pumps to enable the mixture to get through the system. After injecting for 24 hours, one of the pumps was shut off. The injection rate on the second pump was reduced to 4 gallons per/day soon afterwards. This solution solved the "freezing" problem, and by using MC HI-1000, the lines "haven't frozen up since".

DELIVERED VALUE

- (1) Eliminated 1 chemical Pump usage and wear and tear ,
- (2) Cut back on chemical usage from 24 gals per/day to 4 gals per/day ,
- (3) COST SAVINGS PER/DAY reduced from \$126.00 to \$37.90
- (4) Eliminated Down Time on their Gas Plant

Now when ordering chemical, the operators ask for the "SUPER METHANOL" blend from Multi-Chem.

Multi-Chem warrants to purchaser, but no third parties or others, the specifications for the product shall fall within a generally recognized range for typical physical properties established by Multi-Chem when the product departs Multi-Chem's point of origin and that any services shall only be performed in accordance with applicable written work documents. Purchaser agrees that Multi-Chem will give purchaser the benefit of Multi-Chem's professional judgment in making interpretations of data, but does not guarantee the accuracy or correctness of such interpretations. Multi-Chem's recommendations contained herein are advisory only and without representations as to the results. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY MULTI-CHEM SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THE WARRANTY CONTAINED HEREIN. EXCEPT AS OTHERWISE SET FORTH HEREIN, THE PRODUCTS AND SERVICES ARE "AS IS" AND MULTI-CHEM MAKES NO OTHER WARRANTY OR GUARANTEE OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, INCLUDING NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. PURCHASER AGREES THAT MULTI-CHEM SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES OR LOSSES FROM ANY CAUSE WHATSOEVER INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR GROSS NEGLIGENCE.

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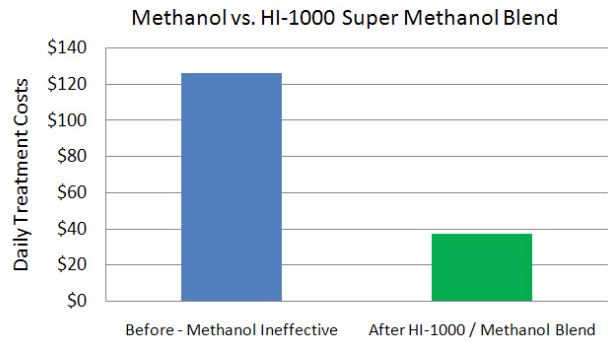
World Houston International Business Center
15865 International Plaza Drive, Suite 200
Houston, Texas 77032 USA

(800) 805 9178
(325) 223 6200
(325) 942 7500 FAX

www.multichem.com

Multi-Chem was called by the frantic operator who explained the problems and asked for a solution. The same day, Multi-Chem's account manager was at the location, investigating the issue. Based on experience, MC HI-1000 was selected to be used in conjunction with the methanol to control the "freezing" problem.

Treatment Costs



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