
Solutions to Amine Headaches # 6



Running Dirty Amine to Save Costs?

An important message to our amine and glycol users:

Some plants have saved money in the short term by running dirty amine/glycol systems. The result of this obfuscation strategy often is problematic operations. Problems resulting from corrosion, foaming and loss of acid gas absorption arise from processing with contaminated amine/glycol. A single severe process upset resulting in a large solvent loss may put you over budget for the year. We know how important controlling amine/glycol losses and costs can be. MPR Services, Inc. is ready to provide proven assistance to our customers by reclaiming and conserving 99% of their solvent as well as saving money.

Case History: A customer with a very large amine unit in a refinery was spending \$2,000,000 on amine each year. The high cost was due to periodic amine losses caused by severe operational upsets (foaming and/or carryover) in the units. The customer recorded a high level of Heat Stable Salts (HSS) and asked MPR to help. We cleaned their amine and they experienced smoother operations and exceptional amine performance. We also worked together to formulate a HSS Management Program to control the level of HSS in the solution based on data obtained through our Analytical Services Program.

The result: By removing HSS on a planned basis, we reduced the refiner's amine replacement cost by over 60%, saving them approximately \$1,200,000 over the first 12 months! We continue working together with the customer to maintain the improvements in both economics and performance of their amine system.



If you are experiencing high amine losses and frequent operational upsets – give us a call. We would like to include your company in our Analytical Services Program so that we may work together to formulate a customized HSS Management Program based upon your specific needs. Let us be your industry service partner to control costs associated with amine loss. Next time annual budget reviews come around, you can sit back and relax, knowing that your solvent replacement costs are lower and system performance is higher.

You don't have to run a dirty system and you can save money on amine purchases.

*MPR Services can help you optimize and monitor the operation of your amine/glycol treating units!
Contact us today!*



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