

June 13, 1994

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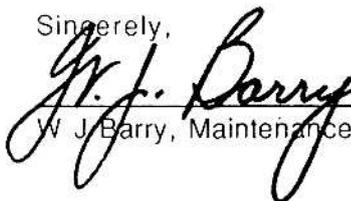
Dear Michael:

We have been using Dipetane fuel treatment for more than two years and I would like to share with you some of our findings. We have two ovens in our Paint Department which run on marked gasoil and are used to bake the finish on our units. These ovens are comprised of a bake chamber, tube-type fan-assisted heat exchanger, and burner. Prior to using Dipetane, we had problems with the tubes in the exchangers clogging with carbon soot. This was a major headache for our Maintenance Department as the ovens were in production 24 hours per day and access for cleaning or repair was extremely limited. We tried using fire sticks to keep the exchangers clean but the increased flame temperature caused a failure in the joints of the exchanger. We started using Dipetane in the fuel for these ovens following our annual factory shutdown when we repaired the damaged heat exchanger. Since then, both the combustion chambers and the heat exchangers have remained clean to the bare metal. Because Dipetane burns more of the carbon in the fuel rather than raising flame temperature, we have experienced no more failures of the exchangers and have witnessed a cleaning of the combustion chambers of carbon build-up from the pre-Dipetane period. As the fuel tanks supplying these ovens also supply other burners, I cannot verify fuel savings but with bare metal combustion chambers, I am sure we are getting greatly improved heat transfer and not sending all the heat up the stacks.

We have also been using Dipetane in our factory steam boilers used for space heating. During one three month period last autumn, we saw fuel consumption drop by over 30% compared with the previous year. We had done major work on the boiler during the previous summer which undoubtedly accounted for significant savings but Dipetane has also been a major contributor. We find that the rotary cup seldom needs cleaning now whereas prior to using Dipetane, we had to clean the cup up to twice per day. Upon opening our boiler for inspection and maintenance last week, we were pleased to note the clean combustion chamber on this boiler. We used to have very strong sulphur odours in and around the boiler house but since treating our 200-sec. fuel oil with Dipetane, these fumes have been significantly reduced. Unfortunately, I am unable to quantify these effects but they have been noted by those working in the area.

Our experience seems to be in line with independent test results for Dipetane. We are pleased with the results we are obtaining since treating all of our oil fuel with Dipetane and intend to continue to use this treatment.

Sincerely,


W. J. Barry, Maintenance Engineer

