

## **Electric Power Corporation- Samoa Fuel additive Testimonials**

### **Subject-EPC Testimony for Fuel Conditioner Concentrate (FCC)**

Reliable & Affordable electricity for Samoa is the Electric Power Corporation's (EPC) VISION for the next 3 years. It is our responsibility as employees to search and apply any possible methods or ideas to try and achieve this goal. Any possibility to get revenue back from these methods to counteract the uncontrolled price rise of diesel fuel is welcome for trial. We have previously conducted a trial for conditioner from another company-however, it did not prove to be cost benefit, so the trial lasted for only some weeks. New fuel conditioner FCC, was introduced to EPC by Rob Wetzel on December 2007 and trials were started at that time and its currently continuing. This trial contains 3 phases which are carried out to monitor the outcome.

- 1<sup>st</sup> Phase- Treat 1 engine for 1 months (Dec-2007)
- 2<sup>nd</sup> Phase – Treat the whole fuel stock for all engines for 3 months (Jan 08- March 08)
- 3<sup>rd</sup> Phase – Treat the whole fuel stock for 6 months (Jan08 –June08)

From the overall observation and results of all 3 trials, we have concluded that FCC has in fact brought a very good result in terms of

1. Improving our engines efficiencies by 3%
2. Reducing cylinder internal combustion by 10<sup>0</sup>C
3. Reducing fuel pump leaks by 60%
4. Reducing cost of maintenance on fuel related problems
5. Reducing downtime of our machines