



April 11th, 2011

POLYTRON PRODUCTS MAINTENANCE PROGRAM

AT PT INDO MEGA MARITIM INDONESIA

OBJECT TREATED : MT. PATRIOT DAMAI OIL TANKER

TREATED BY : PT. MANDIRI SEJAHTERA PERKASA GLOBAL INDONESIA

It all started when we had problems with one of our tankers, MT. Patriot Damai ; the maximum speed of the tanker could only reach 4-5 knots with maximum 560 RPM. while engine temperature already reached 420 °C.

Then we were introduced to Polytron MTC by the distributor of the said products in Indonesia. After some considerations and consultations with the technical expert of Polytron products, we decided to try Polytron for the solution of our problems.

On March 2, 2011 first treatment was conducted by Polytron technical experts.

Sixty minutes after the application of Polytron MTC in the main engine, some parameters were measured with the following results : the engine RPM that previously reached at the most 560, could be raised to 880 to 940, with the temperature lowered from 420 °C to 390 °C. Engine vibrations and noise levels were significantly lowered.

Several days later, the tanker sailed to Sumatra Utara in fully loaded condition with speed reaching 10-11.5 knots at 880-900 RPM and at temperature of 380 - 390 °C.

Significant results are also seen in the Electrical Power Generator. Before Polytron treatment, vibrations were 34.8 mm/s with temperature at the exhaust pipe reaching 160 °C. After treatment with Polytron, the vibrations went down to 12.7 mm/s, and the temperature went down to 96 °C.

So to say, we are extremely satisfied with the results in our tanker.

Best Regards.

PT. Indo Mega Maritim

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President Director