



Lead KPI measurement and reporting

We all know the old adage “what gets measured gets done”.

At Dingo we have built tools that can integrate with your Maintenance systems to measure selected key indicators that are important in the management of a Condition Based Maintenance program.

Our tools allow our project managers and/or customers to measure both Lead and Lag indicators.

- Lead indicators are those that measure how effectively you are performing a core process.
- Lag indicators measure the actual impact on your business from the processes that are being performed.

When applied to Condition Based Maintenance, this type of information can be used with great effect when:

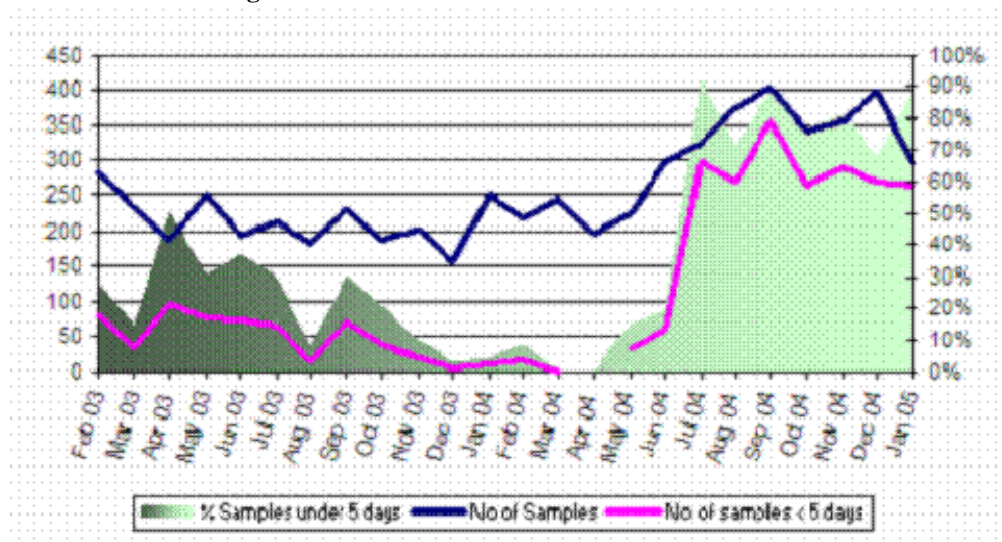
- Providing feedback to individuals responsible for different parts of a Condition Based Maintenance Program
- Measuring the effectiveness of projects whilst in start-up phase
- Communicating results and benefits to all Key Players

Following you will find 2 examples of the types of information that could be considered a **Lead indicator** in a Condition Based Maintenance program.

If you find this interesting please ensure you review the next GoodOil where we will provide examples of typical Lag indicators used in Condition Based Maintenance programs.

For additional information on Leading KPI's or other topics relating to Condition Based Maintenance, please contact us at info@dingo.com

Condition Monitoring Data - Turn Around Time



The example above relates specifically to Oil Analysis.

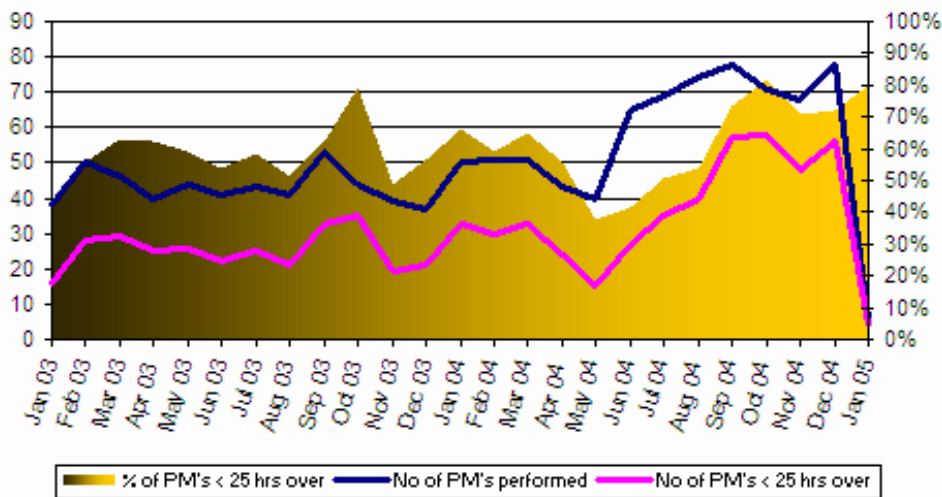
The Pink line indicates sample turnaround time. Sample turnaround time is the time it takes for a sample, once taken, to be returned to site from the lab and analyzed by the responsible person. The pink line below shows the number of results each month that are processed into the software within five days of being sampled.

The Blue line shows the number of samples taken each month.

The Green shaded area represents the proportion of samples each month that are returned and processed within the allocated five day time.

As you can see the increase in focus on this part of the process around the June 2004 time frame dramatically improved the sample turnaround time.

Oil Drain Compliance



This KPI indicates how well an operation complies with timely planning, scheduling and execution of PM's on their lubricated components. If Oils are changed at an interval that is longer than the designed PM interval, the component may be at risk of accelerated wear due to degradation of the lubricant in the system, or lack of timely preventative procedures. This is especially important for Diesel Engine Oils.

The Blue line shows the total number of PM's performed in the give month.

The Pink line shows the Number of PM's that were less than 25 hours over the scheduled interval (The higher this number the better!).

The Gold shaded area shows the % of PM's that were less than 25 hours over the scheduled interval.

As you can see the increase in focus on this part of the process around the June 2004 time frame dramatically improved the PM compliance levels.