



## **When is Enough Really Enough?** (Navigating the CMMS Data Collection Jungle)

While preparing to start a significant data collection effort in support of a CMMS implementation, it was time to decide what equipment nameplate data needed to be collected. Initially, the thoughts were the more data the better, until the realization of the time required to collect it all sunk in and the impact it would have on the project timeline was realized.

The simplest way to determine what must be collected can be answered with two questions:

1. What must be identified to assign a maintenance strategy?
2. What must be identified to assist Materials Management to order the proper parts or a replacement item?

To determine a maintenance strategy for a motor for example, horsepower, rpm, and lubrication requirements must be identified.

To determine Materials Management requirements, horsepower, rpm, frame size, enclosure, volts, and amps must be identified.

The data collection for a typical motor could be as simple as:

Item
Horsepower
RPM
Lubrication (Lubrication Type)
Frame Size
Enclosure Type
Volts
Amps

Obviously, there could be exceptions to the amount of data collected, but if you utilize the two questions above as a starting point at least the minimum useful amount would be collected.

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