INVENTORY

PARTS - INTRODUCTION TO PART YIELD CONFIGURATION

Part Yield in BPO essentially refers to ***toner*** or ***page*** yield. This is the estimated number of pages (or yield) that a toner cartridge can print before it needs to be replaced.

This page yield is based on the **ISO**[1] standard for measuring ink cartridge yields, by printing out pages with 5% coverage until the cartridge runs empty.

However, the actual life of a cartridge will vary per customer and per printer depending on what is being printed. For example, printing images or blocks of shaded areas and colours will use up more ink than printing plain text.

As many companies include unlimited free toners as part of the copier contract, it is imperative that the use and life of these toners are monitored to ensure maximum usage and minimum wastage. Where there is a discrepancy between expected usage and actual usage (higher), a charge will be levied to the customer to ensure there is no loss of profit for the company in sending out more toners that anticipated. This scenario will also flag that the customer may need a larger, more powerful machine. If they are consistency printing more than the recommended amount for the copier.

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[1] International Organisation for Standardisation - this is an international, independant, non-governmental organisation that develops standards to ensure the quality, safety and efficiency of products, services and systems. These standards are in place to ensure consistency across industries.

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At the opposite end of the spectrum, if a customer is using much less toner than predicted, then they may need to downsize their machine to one that meets the lesser requirements.

For yield to be monitored, you need the following:

The part being requested must have a meter yield configured and be linked to a Yield Bill of Materials set up per yield part group (e.g. Toner Yield BOM, Drum Yield BOM, etc.

However, if you are using factor 3, ensure all black toners are in a Mono Yield BOM and all colours toners in a Colour Yield BOM).

The serialised item that you are requesting the part for, must have the meter linked and be on an active contract.

A reading must be captured on the call when the part is requested.

When requesting a yield controlled part, the system will notify you if a reading has not been captured and if it has, what the expected and achieved yields are.

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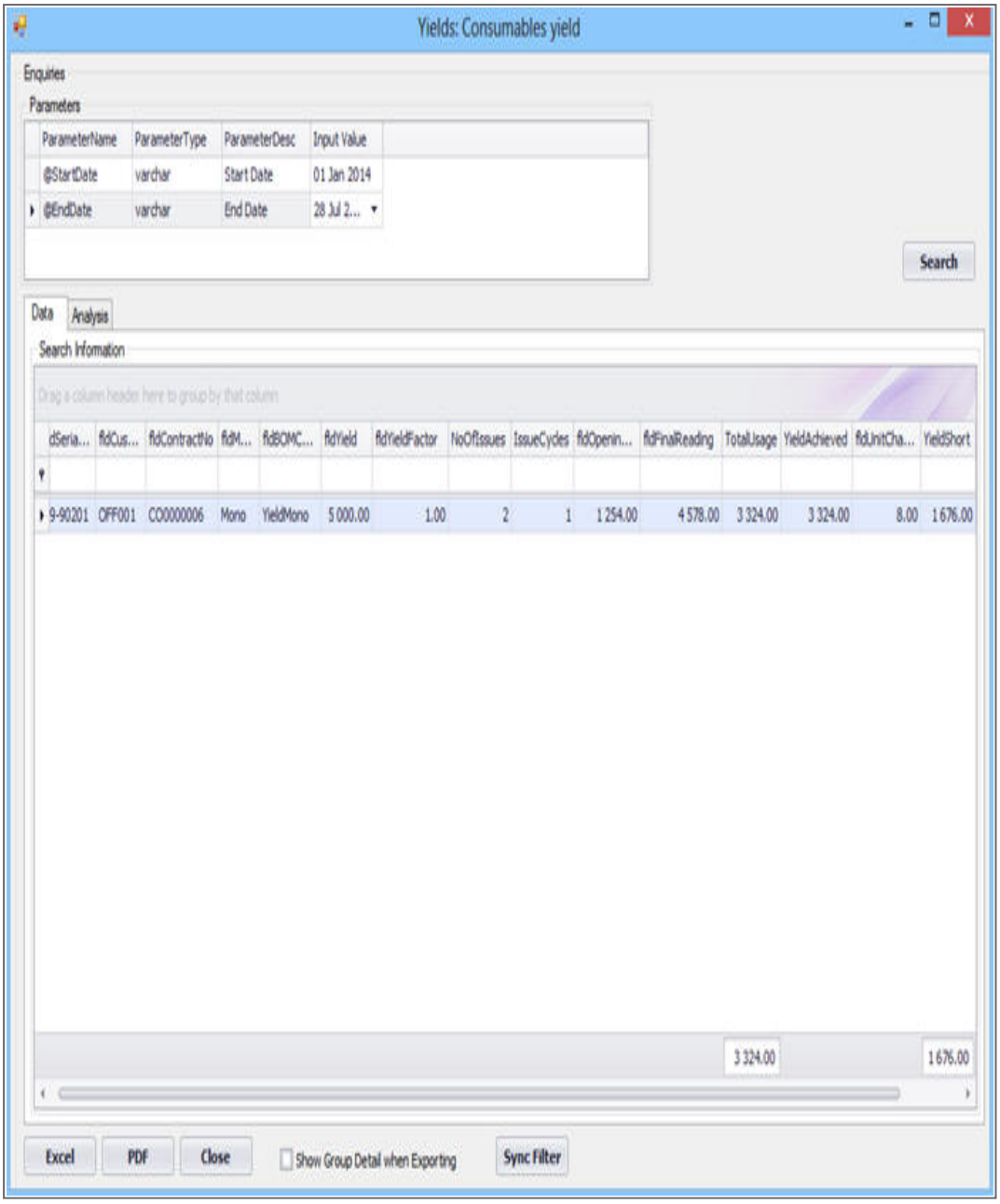

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