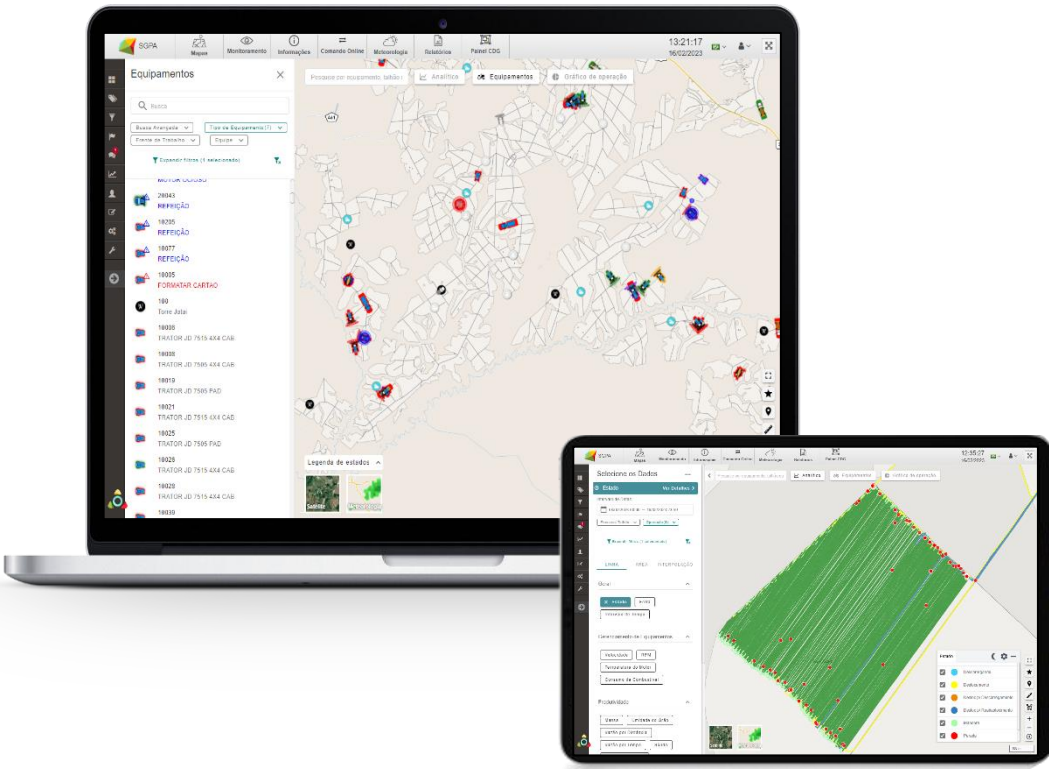
Changelog

SGPA3

Automated Process Management System



Changelog Version2024/222
Period: 03/26/2024 to 04/01/2024
Revision 00
Date: 04/09/2024

Some applications mentioned in this report may not be available in the feature pack in your SGPA 3.0

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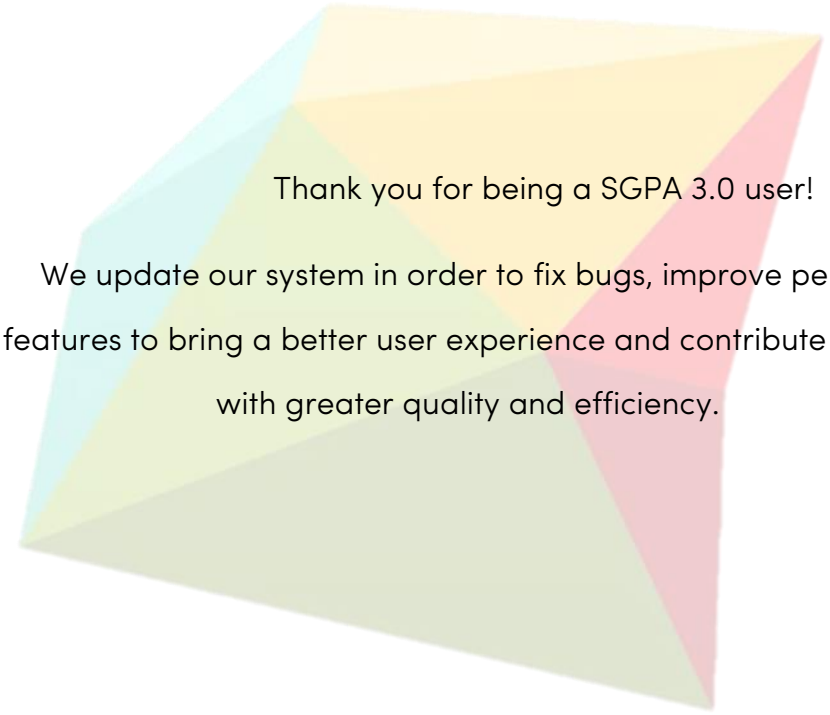

Thank you for being a SGPA 3.0 user!

We update our system in order to fix bugs, improve performance and add new features to bring a better user experience and contribute to management with greater quality and efficiency.

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1. SGPA3

1.1 New Features

1.1.1 Records and PBI Report – Benchmark

Aiming to improve data management at Sugarcane Vertical, it was implemented the new "Benchmark" Registration and the new PBI Reports "LTT Benchmark" and "Sugarcane Truck Benchmark".

1.1.1.1 Records – Benchmark

The "Benchmark" registration was implemented with the aim of standardizing **Equipment Model, Operation, Equipment Group and Culture data.** The registration is divided into tabs, where four types of registration will be carried out, they are: "Equipment Model Links", "Operation Links", "Equipment Group Links" and "Unit Classification by Vertical".

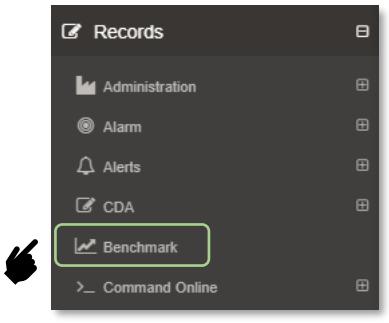

Image 01 – Benchmark registration access button

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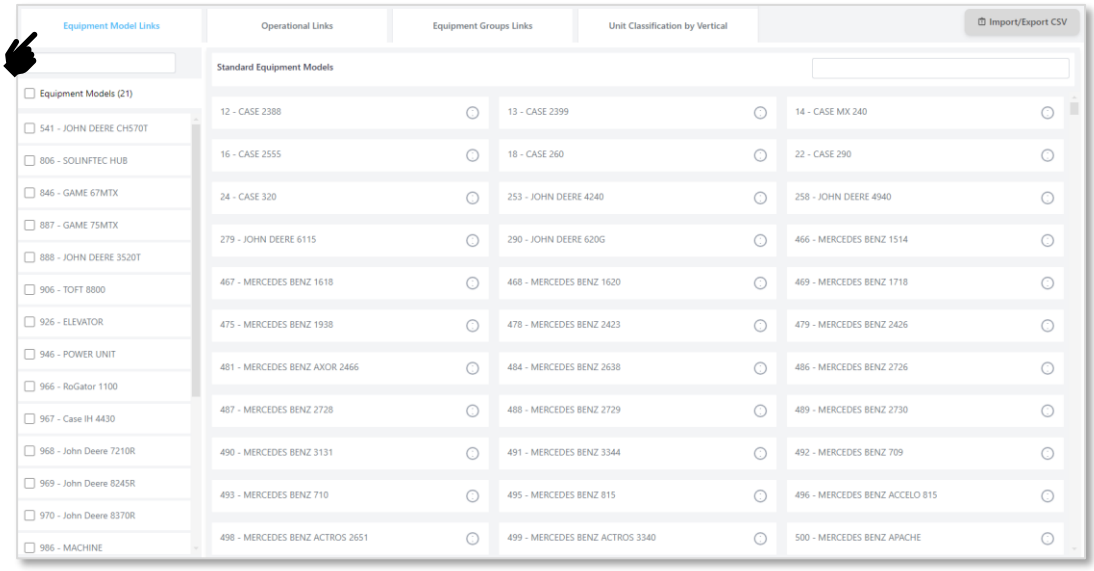

Image 02 – "Equipment Model Links" tab in the Benchmark Registration

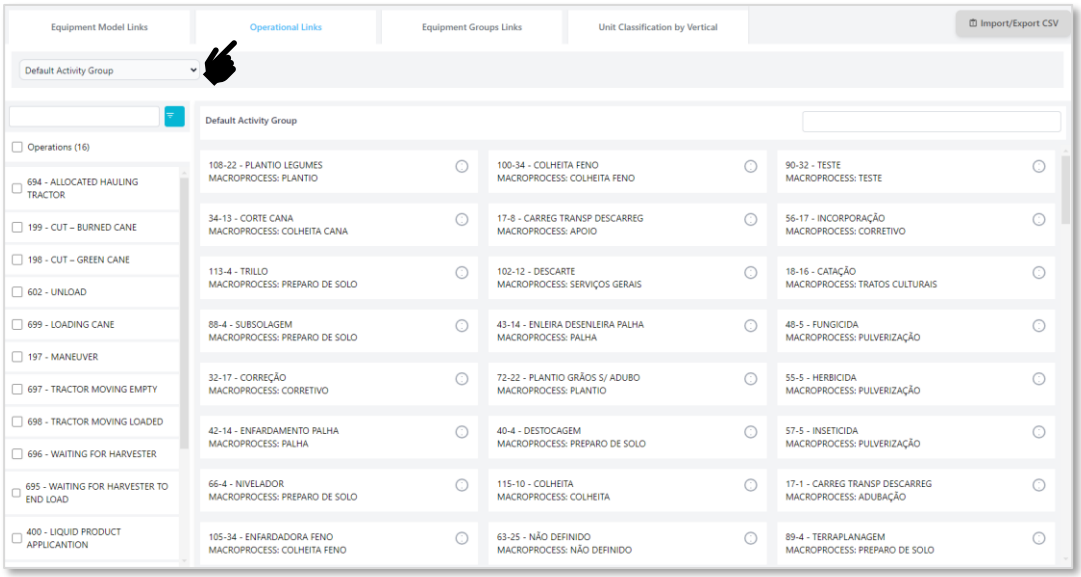

Image 03 – "Operational Links" tab in the Benchmark Registration

The step-by-step video about how to register on the "Benchmark" screen is available on the home page of the "LTT Benchmark" PBI Report, under the "Video-Registrations" button.

Go to Main Menu > Records > Benchmark and Main Menu > Reports > PBI > Benchmark Menu > LTT > Cover > Video-Registrations

Available for Sugarcane Vertical Environments. Access available only to the "Project Manager" and "IT Support" User Groups.

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1.1.1.2 PBI Report – LTT Benchmark

The PBI Report "LTT Benchmark (Light Tire Tractor)" aims to analyze the behavior of this Unit Equipment Type at the client in comparison with the market.

The "LTT Benchmark" report will be updated every 16th of each month, presenting a partial sample of data up to that date. On the fifth business day of each month, data from the previous month is processed. After completing this processing, the data is locked and will not be reprocessed to avoid changes in the ranking.

Due to its complexity, it is necessary that all registrations and notes be made in the most reliable way possible. At this level of analysis, the Process, Equipment, Fronts and Regions records incorporate the analysis, offering new views. The veracity of these records will guarantee the quality of the analysis before the market. Therefore, it is extremely important that the data entered in the "Benchmark" registration is made correctly.

An explanatory video is available on the cover of the "LTT Benchmark" report, in the "Video – Use" option, on how to use the report and its analyses.

The "LTT Benchmark" Report has 7 filters, they are: **REGION, MESORREGION, DEFAULT EQUIPMENT GROUP, DEFAULT MACROPROCESS, DEFAULT ACTIVITY GROUP, DEFAULT EQUIPMENT MODEL and BRANCH.**

Image 04 – LTT Benchmark Report Cover

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Image 05 – Main screen of the LTT Benchmark Report and "i" button that takes you to the Premises and Metrics screen of the report

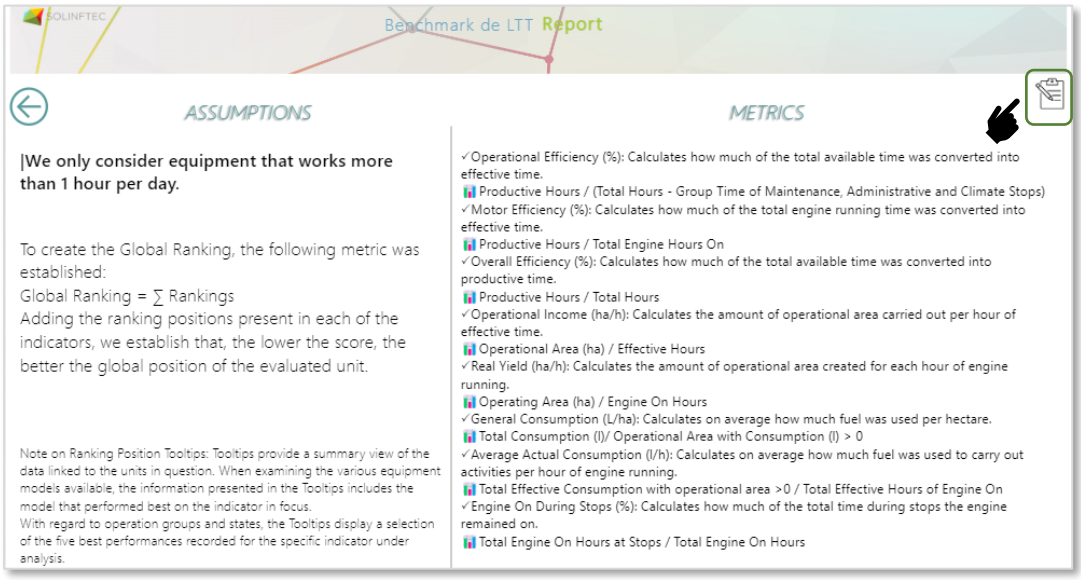

Image 06 – Benchmark Screen with the Assumptions and Metrics of the Benchmark LTT Report and icon that directs you to view the data entered in the Benchmark Registry

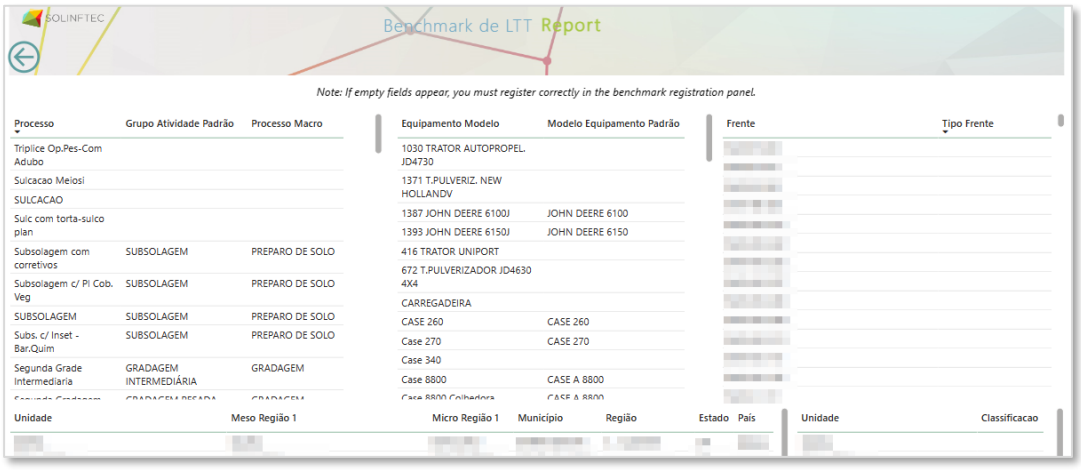

Image 07 – Screen with the information entered in the Benchmark Register (Process, Equipment, Fronts, etc.)

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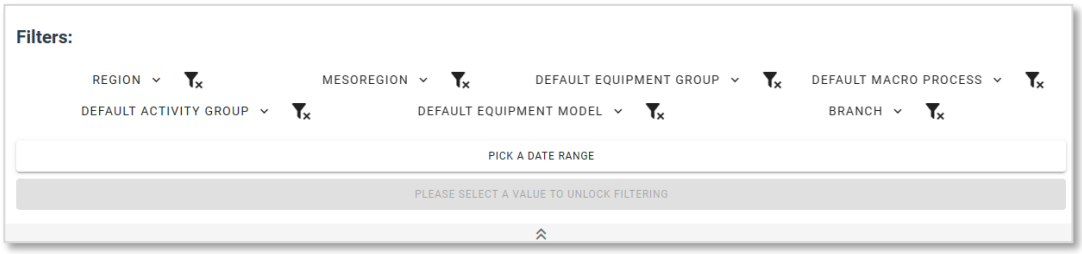

Image 08 – PBI LTT Benchmark Report Filters

Go to Main Menu > Reports > PBI > Benchmark Menu > LTT

Available for Vertical Sugarcane Environments.

1.1.1.3 PBI Report – Sugarcane Truck Benchmark

The PBI "Sugarcane Truck Benchmark" Report aims to complement the package of analysis reports on Cutting, Loading and Sugarcane transporting. Its operation is like the "Transshipment Benchmark" and "Harvester Benchmark", that is, it analyzes the behavior of this Unit Equipment Type at the client in comparison with the market.

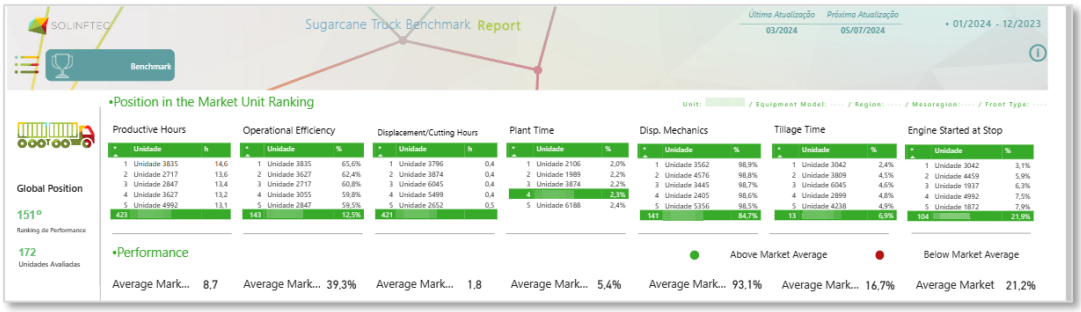

Image 09 – New PBI Sugarcane Truck Benchmark Report

The "Sugarcane Truck Benchmark" Report has 5 filters: **REGION, MESORREGION, DEFAULT EQUIPMENT GROUP, DEFAULT EQUIPMENT MODEL and BRANCH.**

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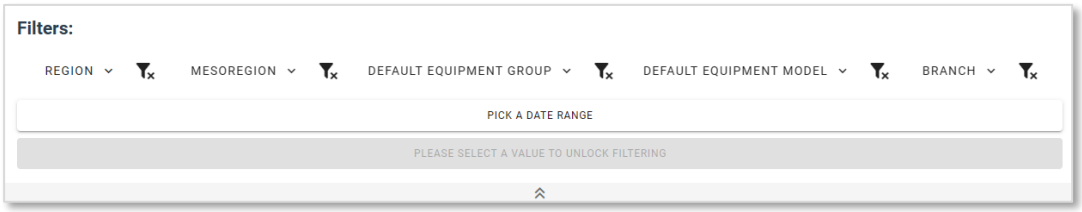

Image 10 – PBI Sugarcane Truck Benchmark Report Filters

⚠ A necessary premise for Benchmark Reports to work is choosing **one unit** at a time and a **period**, otherwise the report will display no data.

Go to Main Menu > Reports > PBI > Benchmark Menu > Sugarcane

Available for Vertical Sugarcane Environments.

1.2 Improvements

1.2.1 PBI Report – Harvester Benchmark and Transshipment Benchmark

Improvement made to the PBI Reports "Harvester Benchmark" and "Transshipment Benchmark".

From this version on, in the "Harvester Benchmark" report it will be possible to analyze the ten best Units on the market, by clicking on the "Top 10" icon available on the upper right side of the "Benchmark" tab. In addition, this report will have three new views (tabs), they are:

- "Market Analysis", in which it will be possible to understand all indicators globally, observing all market behavior in the selected period.

- "Customer Analysis", which aims to visualize the behavior of the unit(s) in the customer's environment.

- "Operations Behavior", to be possible to analyze operations carried out in the Units in the client's environment in comparison with the best Unit on the market. Due to the dependence on textual analysis to separate operations, this tab is in a Beta version (test).

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Image 11 – "Top 10" icon on the top right side of the Benchmark tab that directs the user to view the ten best Units on the market.

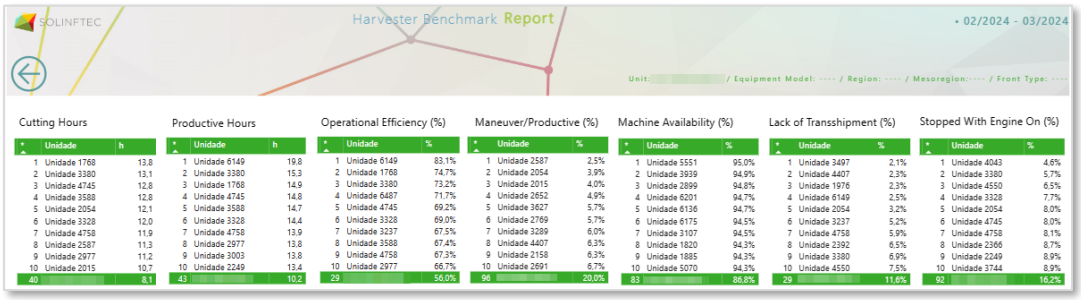

Image 12 – View of the 10 best Units on the market.

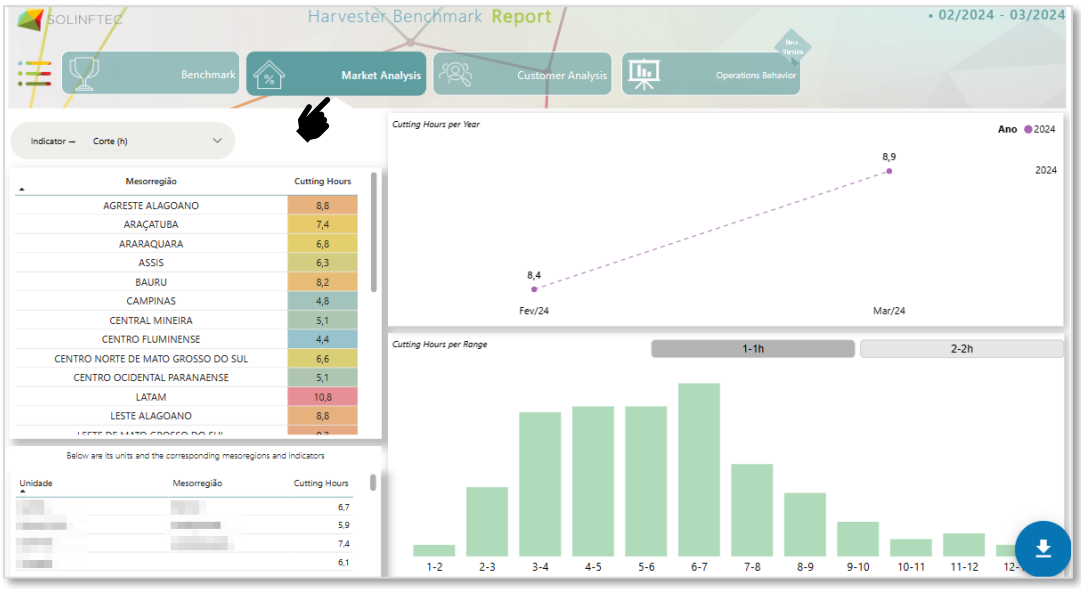

Image 13 – New **Market Analysis** tab in the Harvester Benchmark Report

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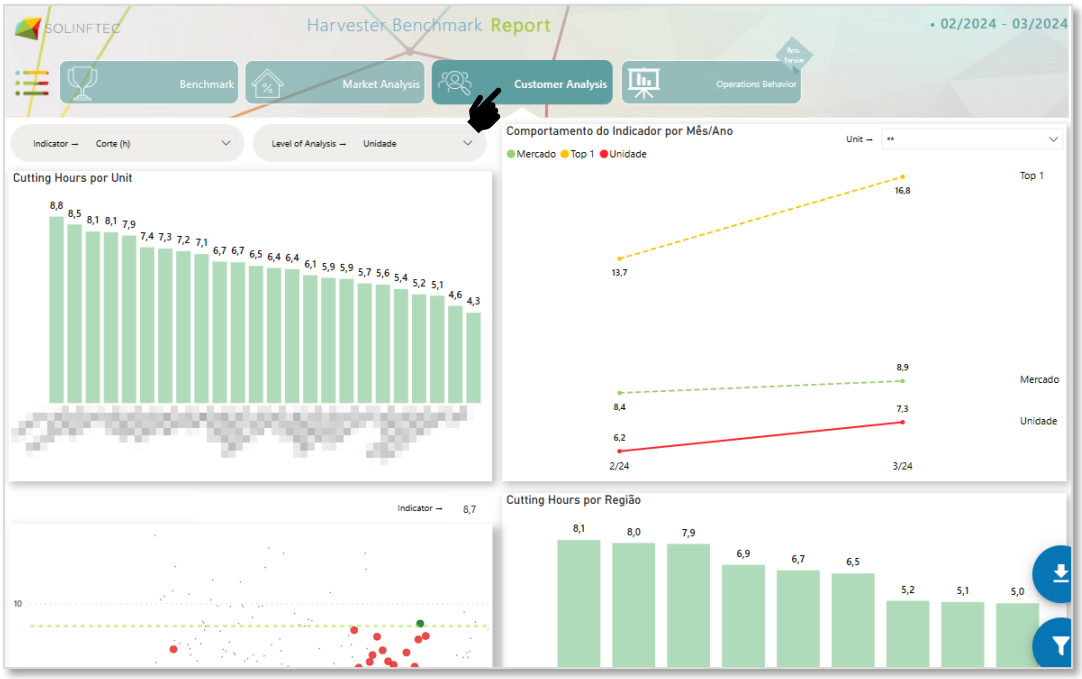

Image 14 – New **Customer Analysis** tab in the Harvester Benchmark Report

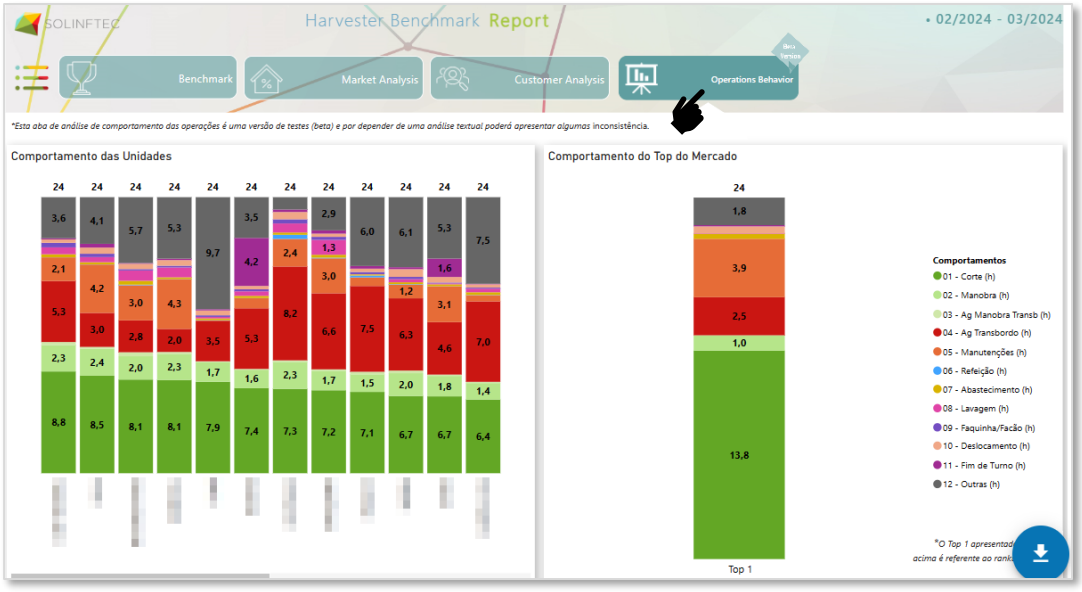

Image 15 – New **Operations Behavior** tab (Beta Version) in the Harvester Benchmark Report

Furthermore, new Filters were added to the "Harvest Benchmark" and "Transshipment Benchmark" Reports, they are: **REGION, MESORREGION, DEFAULT EQUIPMENT GROUP, DEFAULT EQUIPMENT MODEL and BRANCH.**

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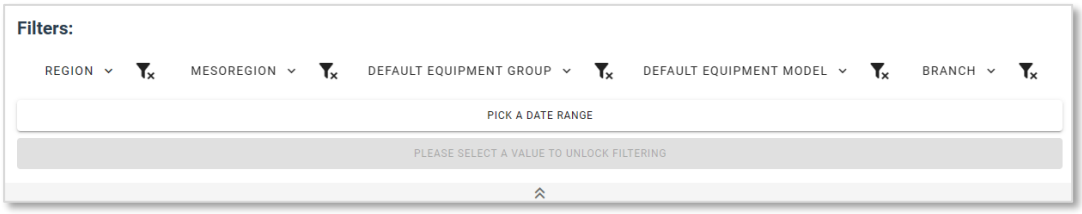

Image 16 – New filters in the PBI Harvester and Transshipment Benchmark Reports

⚠ A necessary premise for Benchmark Reports to work is choosing one **unit** at a time and a **period**, otherwise the report will be displayed without data.

💬 Go to Main Menu > Reports > PBI > Benchmark Menu > Harvester and Transshipment

ℹ Available for Vertical Sugarcane Environments.

1.2.2 PBI Report – Cutting, Loading and Transporting Cane Online

Improvement made to the PBI Report "Cutting, Loading and Transporting Cane Online", to display the values in the bars of the **Time** graphs (%).

Image 17 – Displaying values in the Time (%) chart bars in the CCT Online report

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Go to Main Menu > Reports > PBI > Online Reports > Cutting, Loading and Transporting Cane Online

Available for Vertical Cane Environments. Applied on 04/03/2024.

1.2.3 PBI Report – Flow and Calibration

Improvement made to the PBI "Flow and Calibration" Report, from the Perennials vertical, to add new ranges of values in the "Working Hours by Operation and Flow Range (l/p)" graph.

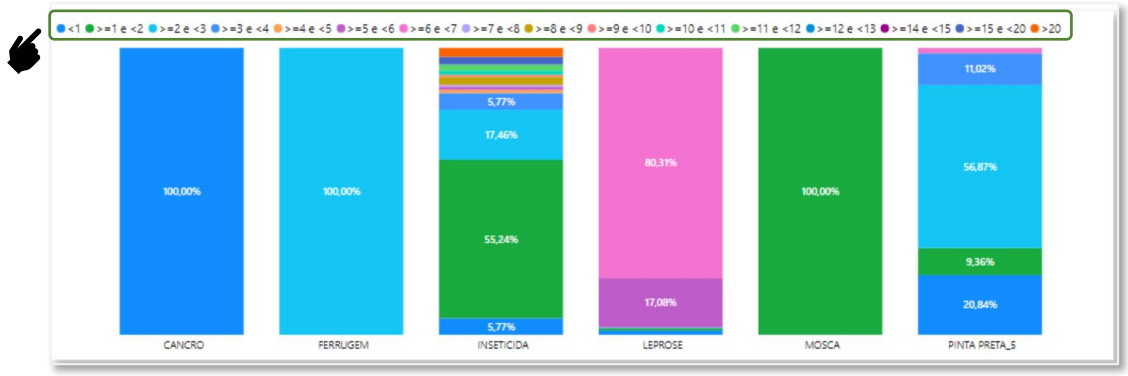

Image 18 – "Working Hours by Operation and Flow Range (l/p)" graph showing a greater number of ranges.

Go to Main Menu > Reports > PBI > Flow and Calibration > Flow Tab > Switch to Range (l/p) > Working Hours by Operation and Flow Range (l/p)

Available for Perennials Vertical Environments that have the extra "Flow and Calibration" report.

1.2.4 PBI Report – Fleet Details

Improvement made to the PBI Report "Fleet Details", from Grain Vertical, to add the "Average Engine Temperature" indicator.

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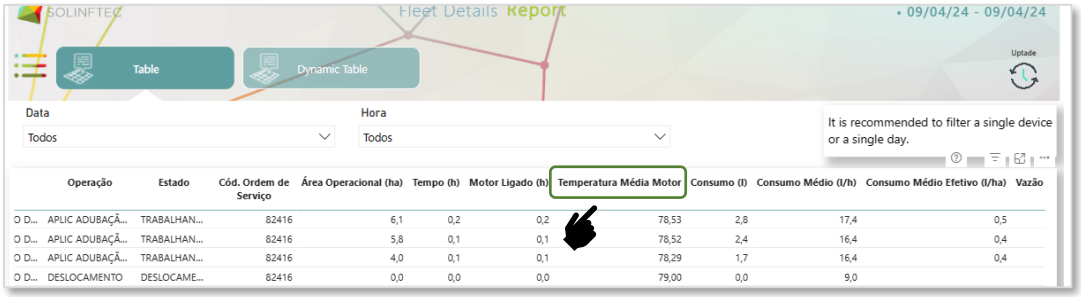

Image 19 – Average Engine Temperature Indicator in the Table tab

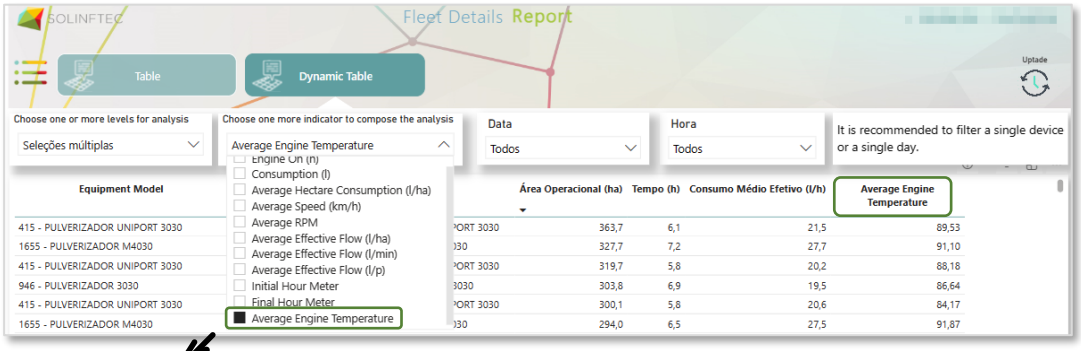

Image 20 – Average Engine Temperature Indicator in the Pivot Table tab

Go to Main Menu > Reports > PBI > Fleet Details > Table Tab > Average Engine Temperature and Pivot Table Tab > Choose another indicator to compose the analysis > Average Engine Temperature

Available for Vertical Grain Environments.

1.3 Bugs

1.3.1 PBI Report – Worked Area

Adjustment made to the Fields filter of the "Worked Area" PBI Report to load data correctly.

Go to Main Menu > Reports > PBI > Worked Area

In case of doubt or further clarification, please contact us via email suporte@solinftec.com.br or call +55 18 3622 2270.

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