

Changelog

SGPA3

Automated Process Management System



Changelog Version 2023/204
 Period: 08/30/2023 a 09/11/2023
 Revision 00
 Date: 09/19/2023

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



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 Improvements

1.1.1 Records – Equipment Model

Improvement implemented in the “Equipment Model” registration. As of this version, it became mandatory to fill in the “Manufacturer” field and more options were added to the Manufacturers list.

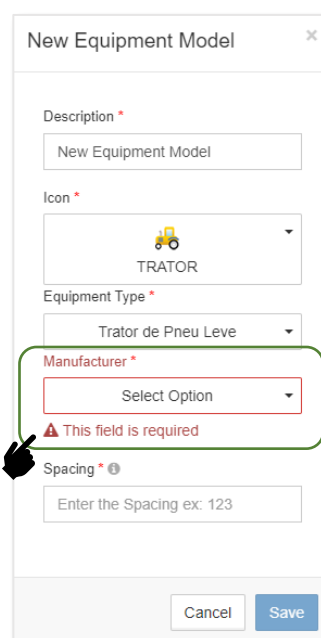


Image 01 – “Manufacturer” field as mandatory

Ag Systems	CASE	Hagie	Mack	Solinftec
AGCO	Challenger	Hobbs	Massey Ferguson	Sterling
Agrale	Claas	IHC	Mercedes-Benz	TeeJet Technologies
Allis Chalmers	DMI	International	Miller	Total Ag Industries
B&B	Doyle	Iveco	New Holland	Valtra
Berbel	Ford	Jacto	P&H	Volkswagen
Brenner	Freightliner	John Deere	Pentair Hypro	Volvo
Bulk	Generic	Kenworth	Peterbuilt	Wilger
	Gleaner	Lechler	Progresso	
	Greenleaf Technologies	Legacy	Scania	

Image 02 – New Manufacturer additions in the Model and Equipment registration



Go to Main Menu > Records > Equipment > Equipment Model > Manufacturer.

1.1.2 Monitoring – Trail

Improvement made to the **Graph** and **Trail Table** to change the description of the “Cooling System Temperature” field to “Engine Intake Air Temperature”.

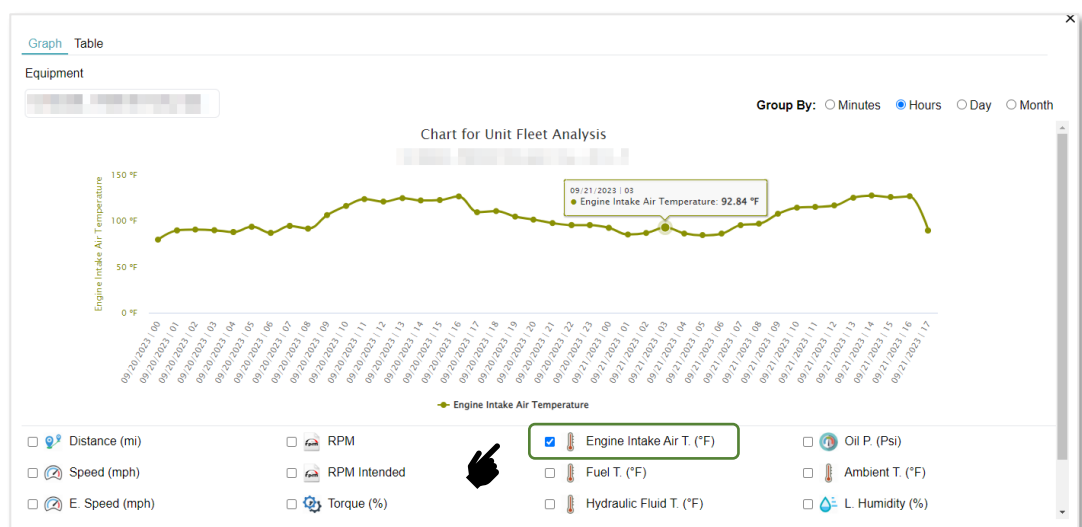
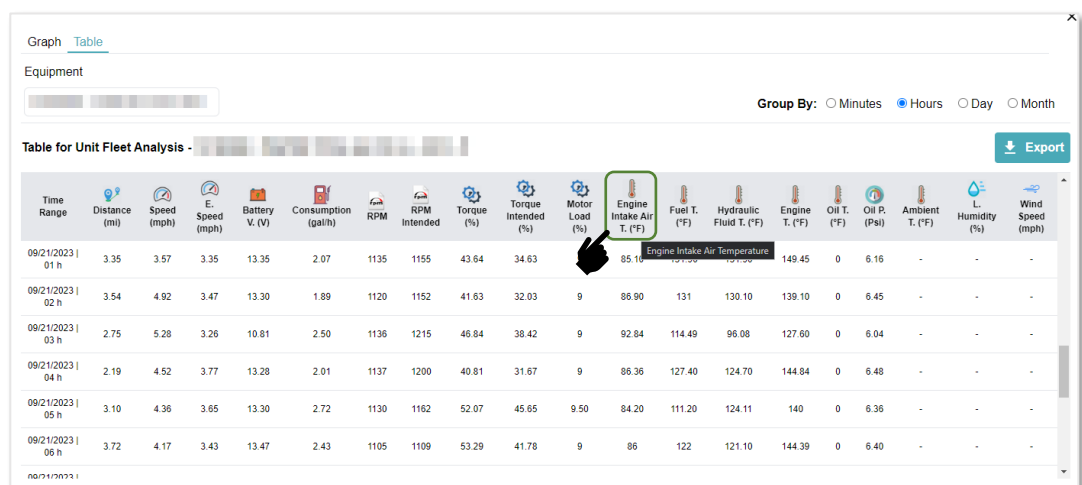


Image 03 – “Engine Intake Air Temperature” field in the Trail Graph



Graph Table

Equipment

Group By: ☐ Minutes ☒ Hours ☐ Day ☐ Month

Table for Unit Fleet Analysis - [Export](#)

Time Range	Distance (mi)	Speed (mph)	E. Speed (mph)	Battery V. (V)	Consumption (gal/h)	RPM	RPM Intended	Torque (%)	Torque Intended (%)	Motor Load (%)	Engine Intake Air T. (°F)	Fuel T. (°F)	Hydraulic Fluid T. (°F)	Engine T. (°F)	Oil P. (Psi)	Oil T. (°F)	Ambient T. (°F)	L. Humidity (%)	Wind Speed (mph)
09/21/2023 01 h	3.35	3.57	3.35	13.35	2.07	1135	1155	43.64	34.63		85.16	121.55	129.55	149.45	0	6.16	-	-	-
09/21/2023 02 h	3.54	4.92	3.47	13.30	1.89	1120	1152	41.63	32.03	9	85.90	131	130.10	139.10	0	6.45	-	-	-
09/21/2023 03 h	2.75	5.28	3.26	10.81	2.50	1136	1215	46.84	38.42	9	92.84	114.49	98.08	127.60	0	6.04	-	-	-
09/21/2023 04 h	2.19	4.52	3.77	13.28	2.01	1137	1200	40.81	31.67	9	86.36	127.40	124.70	144.84	0	6.48	-	-	-
09/21/2023 05 h	3.10	4.36	3.65	13.30	2.72	1130	1162	52.07	45.65	9.50	84.20	111.20	124.11	140	0	6.36	-	-	-
09/21/2023 06 h	3.72	4.17	3.43	13.47	2.43	1105	1109	53.29	41.78	9	86	122	121.10	144.39	0	6.40	-	-	-

Image 04 – “Engine Intake Air Temperature” field in the Trail Table



Go to Top Menu > Monitoring > Equipment > Trail > Graph and Table > Engine Intake

Air Temperature

1.2 Bugs

1.2.1 Report Generator

Adjustment made to the “Report Generator” in order to load the data correctly.



Go to Main Menu > Reports > Report Generator



Available for Vertical Sugarcane Environments. Applied as a hotfix on 09/14/2023.

1.2.2 Tools – Operator File

Adjustment made to the “Operator File” Tool to allow all lines to be selected and to show data correctly in the filters when filtering the dates 09/12/2023 and 09/13/2023.



Go to Main Menu > Tools > Operator File



Applied as a hotfix on 09/13/2023.

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