

Asset health status – Help Center

help.fracttal.com/hc/en-us/articles/25266646525709-Asset-health-status

With the **health status** functionality, you can directly visualize the compliance of the asset's task plan (locations and equipment) through time series graphs. This allows you to analyze whether tasks were executed according to the established dates and identify inflection points.

This tool provides key information about the availability of assets, making it easier to make decisions to optimize preventive maintenance activities.

Process to observe the health status

1. Open the Catalogs > Assets module.

The screenshot displays the Fractal One dashboard interface. On the left, a navigation menu is visible with the following items: Start, Fractal AI, Catalogs (highlighted with a red box), Assets (indicated by a red arrow), Inhouse Personnel, Third Parties, Warehouses, Work Management, Monitoring, and Dispatcher. The main dashboard area shows several key metrics: 'Closed WOs' with a value of 55, 'Pending Tasks with Delay' with a value of 19, and 'Compliance Percentage' with a value of 48.2%. A bar chart titled 'Work Orders' shows three categories: 'WO'... with 114, 'Finis...' with 55, and 'Pe...' with 59. The top right corner of the dashboard includes a search bar labeled 'Is part of', a user profile for 'AI', and a user profile for 'JC'.

2. Search for the asset (Location or Equipment).

Assets
Tree View

Search...

All Assets

- All Assets
- Locations
- Equipment**
- Tools
- Spare Parts
- Digitals
- Maps

COCINA
//

+ RESTAURANTES RICLER
//

SGX BEATRIZ
//

ALMACEN SGX HERRAMIENTAS
//

+ BASALTICA
//

+ CAPACITACION BASALTICA
//

+ EULEN CENTRAL
//

Assets
Equipment

Equipment


List Treemap

Enabled	Out of Service	Description	Code	NOMBRE	FABRICANTE
<input type="checkbox"/>	No	{ Motor-0002 } Motor		{ Motor-0002 } Motor	
<input type="checkbox"/>	No	Norton Motor { Motor-0002 }	Motor-0002	Motor	Norton

Showing 2 of 2

3. Enter the asset's life sheet and select the Health Status sub-module in the details menu.

← Norton Motor { Motor-0002 } Save



Out of Service: No
Enabled

- General
- Custom Form
- Health Status**
- Financial
- Third Parties
- Spare Parts and Supplies
- Historical
- Attachments

Is part of: // CENTRO COMERCIAL EL TESORO/

NOMBRE: Motor Code: Motor-0002

FABRICANTE: Norton MODELO: 2 Hp

Serial: 3421423 OTRO 1:

OTRO 2: Barcode: <https://one.fractal.com/qr/5f70953c-ca09-48> Priority:

Type: MOTOR Group 1: ELECTRICO Group 2: 1 Etapa

Supplier: Purchase date:

Hours of average daily use: 24:00 Visible to all

Planned Maintenance: Plan de mantenimiento motor electrico

There you will see 2 time series graphs known as: 'Asset Reliability' and 'Task Plan Fulfillment':



Asset Reliability: graph of the task compliance behavior of the task plan in general, to which that asset is linked.

Task Plan Compliance: it shows the detail of each of the tasks that could have affected this reliability. As seen in the previous image, there are 4 types of statuses differentiated by color, which are explained below:

- **Operational (Blue):** it is when the tasks are executed respecting the calculated dates with a tolerance of 10% according to the periodicity of each task.
- **Warning (Green):** This is when the 10% tolerance of the Operational status is exceeded and also has a tolerance of 10% according to the periodicity of each task.
- **Alert (Yellow):** This is when the 10% tolerance of the Caution state is exceeded and also has a tolerance of 10% according to the periodicity of each task.
- **Stop (Orange):** This is when 10% of the Alert state tolerance is exceeded and will remain until the task is completed.
- **Failure (Red):** This is when the equipment has a failure.

Example: If there is a task with activator every month and its calculated date is for 01/01/2000, it will have the operational status whose fulfillment is before 03/01/2000. In the case this date is exceeded, the status will be Caution. If it is not finished until 06/01/2000, then it will pass to the Alert status. If it is not finished until 09/01/2000, then it will pass to the last status (Stop) and it will maintain this status until the date this status is resolved.

Note: At the moment of viewing the health status for the location type assets, the following must be considered:

1) You can have two analyses; one that corresponds to the general report of all the assets that have as children this location and the graphs of the location itself.



Out of Service: No
Enabled

General

Custom Form

Health Status

Financial

Third Parties

Spare Parts and Supplies

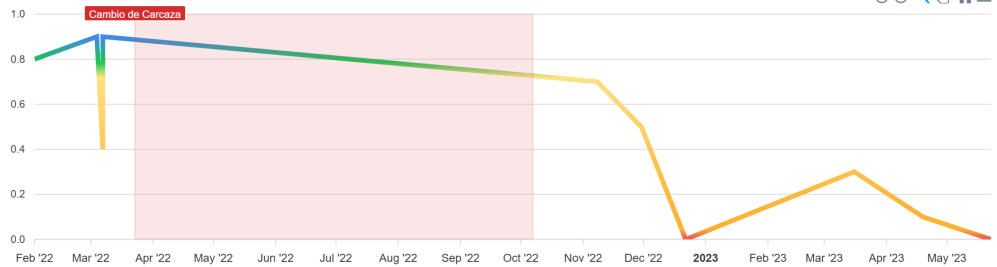
Historical

Attachments

Health Status

Meters

Reliability of the asset



Task Plan Compliance

Work Management	2025											
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Falla del motor Last WO Date: 2022/03/07												
Mantenimiento rutinario												

2) In order to be able to observe the Task Fulfillment graph, you must select some point of the graph with the cursor, so that you can have the detail in the selected time.



Out of Service: No
Enabled

General

Custom Form

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Third Parties

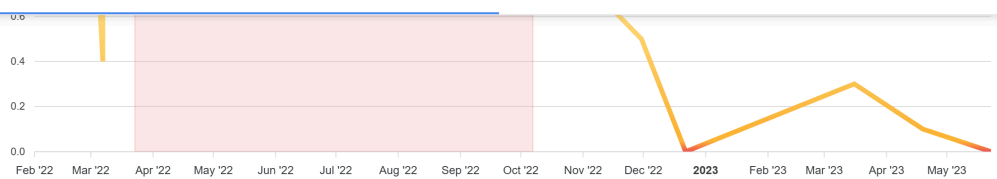
Spare Parts and Supplies

Historical

Attachments

Health Status

Meters



Task Plan Compliance

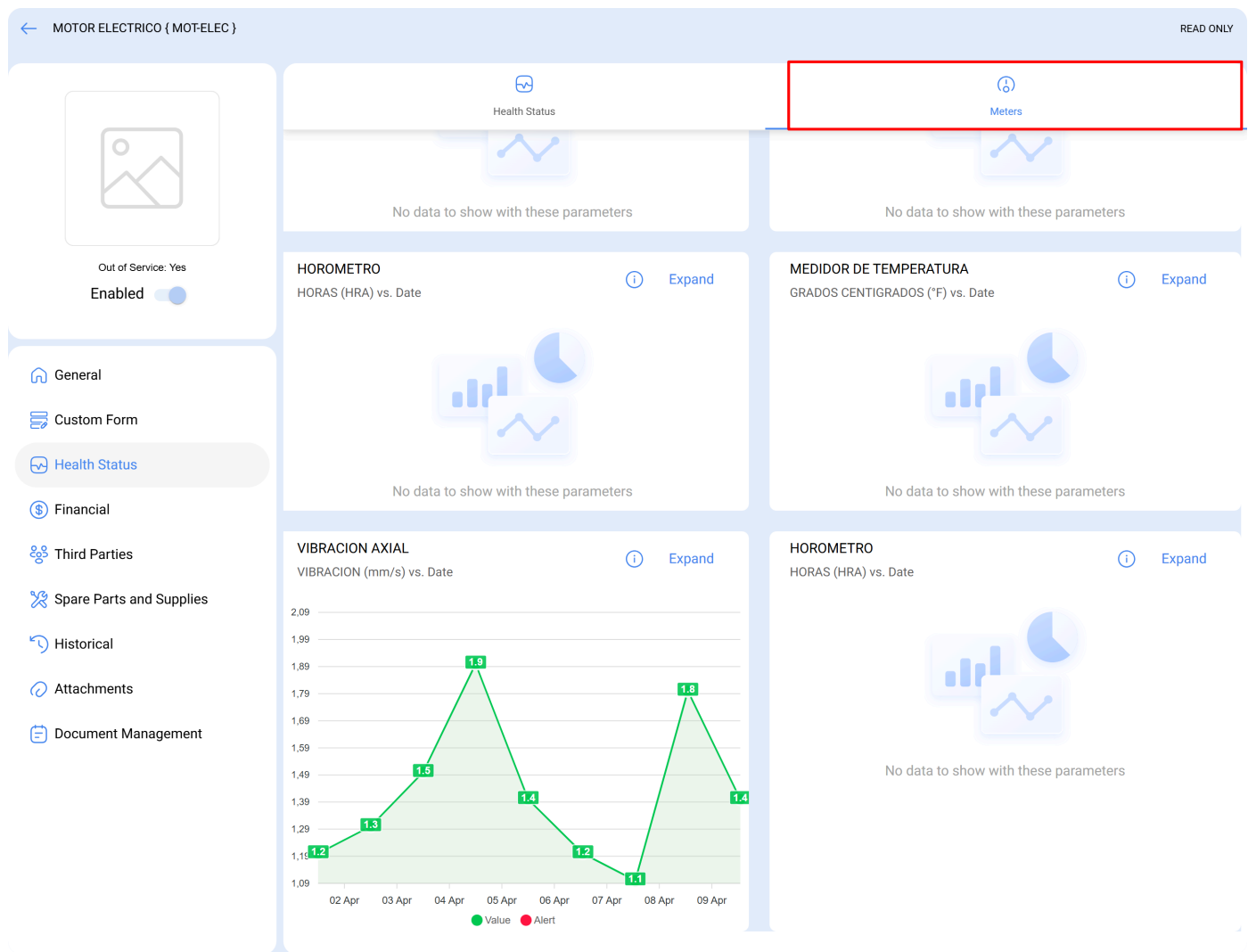
Work Management	2025											
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Falla del motor Last WO Date: 2022/03/07												
Mantenimiento rutinario Last WO Date: 2022/02/01												
Registro de horas de operación Last WO Date: 2022/03/07												

For this first iteration, a balanced percentage of 10% tolerance has been defined in the periodicity of task compliance.

It is expected for the second iteration of the functionality that the user can set the percentage according to the criticality of the compliance according to the task plan.

Meters

In addition to analyzing the asset's health status, it is possible to view the **meters**, which provides detailed graphs on operational indicators such as hours of use, kilometers traveled, operation cycles, among others.



This visualization complements the reading history already recorded in the asset, allowing for a more accurate interpretation of operational trends and behaviors, enhancing analysis capacity and preventive management.